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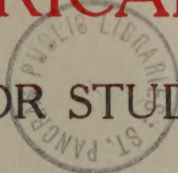
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PHILIPS' NEW
HISTORICAL ATLAS
FOR STUDENTS.

PHILIPS' NEW HISTORICAL ATLAS FOR STUDENTS



*A Series of 69 Plates, containing 164 Coloured Maps and
Diagrams, with an Introduction Illustrated by 43 Maps
and Plans in black and white.*

By RAMSAY MUIR, M.A.

*Late Professor of Modern History in the Universities of Liverpool and Manchester ;
Author of "A Short History of the British Commonwealth," etc.*

AND

GEORGE PHILIP, F.R.G.S.



FIFTH AND ENLARGED EDITION

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PREFACE

TO THE FIRST EDITION.

THE study of Modern History, whether English, European, American or Colonial, has long been handicapped in England by the non-existence of a carefully produced historical atlas, covering the whole ground and issued at a price which will place it within the reach of all students. This gap the present work endeavours to fill. No pains have been spared to achieve this end, and every map has been specially drawn and specially engraved.

It is claimed that this work is distinguished from other historical Atlases, whether English or foreign, by several features.

(1) In the first place, great emphasis is throughout placed upon the *physical basis* of historical geography. Not only are mountain hachures inserted on all politically coloured maps of sufficiently large scale, but a series of physical maps has been included, carefully designed so as to show the build of all the principal areas of historical importance. The periods illustrated by these maps are those in which the political divisions were sufficiently simple to be adequately shown by red lines. These physical maps have been placed in proximity to groups of other maps of the same area, and it is hoped that in this way the influence of the build of a country upon its history will be more easily made manifest to the student.

(2) As nothing tends to make a map more confusing, and therefore less instructive to the student, than a multiplicity of names, great care has been taken to insert only those names which are likely to be useful to the student at the period dealt with. The Editor has generally thought it better to risk including too few rather than too many names.

(3) As the Atlas is intended to be used by citizens of the greatest colonising nation in history, special attention has been devoted to Indian, American, and Colonial history, and it is believed that no atlas of general history contains so careful and full a treatment of these subjects as will be found in the fourth section of this book. The series of maps showing the progress in exploration and settlement of the extra-European world will, it is hoped, prove both instructive and stimulating to the imagination.

(4) At the same time the United Kingdom has received especially full treatment, and some of the maps contained in the book deal with aspects of English History which have never been treated in the same way in similar works.

(5) The Introduction contains a series of comments upon each of the maps in turn, which it is hoped will be of assistance to the teacher. These comments have especially aimed at bringing out the influence of geography upon history, or the reasons for the rapid changes in political geography which have especially marked certain periods of the world's history. While, of course, the Introduction makes no pretence to present a summary of universal history, it is

believed that the student who will study the maps in conjunction with the Introduction, will obtain a sound and comprehensive view, not, indeed, of the development of civilisation or the progress of political organisation (for which maps are almost useless), but, at any rate, of the stages and (so far as they were geographical) the causes whereby the present political distribution of the world has been brought about. A number of supplementary sketch maps, illustrating special points, have been inserted in the Introduction, together with a selection of battle-plans. In the difficult task of selecting the battles to be thus illustrated, the Editor has been chiefly guided by the needs of teaching. It is hoped that those which have been chosen include all or nearly all those which the majority of English teachers are accustomed to treat in detail.

A selection of the maps contained in this book has already been issued for the use of schools, at so low a price as to make it easily accessible to all schools. But in the nature of things it was not possible to make this selection illustrate in an adequate way the whole subject; and it is believed that teachers and serious students will prefer the present edition, which, unlike its predecessor, is equipped with a full Index. Of the 65 plates included in this edition, 43 are identical with plates in the smaller edition; 15 plates containing 35 maps are wholly new; 7 have been re-arranged and contain seven additional maps not inserted in the smaller edition. The Introduction has been greatly enlarged, and contains 14 maps and plans not published in the smaller edition.

It is the hope of the Editor and Publishers that this Atlas will form a real aid in the study and teaching of history. But as no book can hope to attain perfection at its first putting forth, they will be genuinely grateful to all users of the Atlas who will direct their attention to the mistakes of omission or commission which, despite their care, are sure to exist, or who will help them with suggestions for its improvement in a later edition.

In view of the vastness of its range, it is obvious that the Atlas does not and cannot claim to be based upon original research at more than a few points. The Editor's object has been to select and adapt for teaching purposes the best results of modern scholarship in this field, and he has drawn largely upon all the standard historical Atlases of England, France, Germany, and America, especially those of Schrader, Droysen, Sprünner-Menke and Poole, as well as upon books and monographs far too numerous to be named here. He has profited also by the advice and counsel of many friends. But beyond all other debts is that which he owes to Mr. George Philip, F.R.G.S., who has placed all his cartographical skill unstintingly at his command, and without whose patience, ingenuity and knowledge the atlas would probably never have been compiled. Mr. Philip has been good enough to contribute the admirable series of maps of the world showing the progress of exploration and settlement, which will be found to be one of the most valuable features of the book.

Liverpool, June, 1911.

CONTENTS.

INTRODUCTION.

SECTION I.—GENERAL MAPS OF EUROPE	pages	1—17
SECTION II.—GROWTH OF THE PRINCIPAL STATES OF EUROPE	"	17—33
SECTION III.—THE BRITISH ISLES	"	33—49
SECTION IV.—THE EUROPEANISATION OF THE WORLD	"	50—62

The Introduction is illustrated by the following Maps and Plans in black and white :—

FIG.	PAGE.	FIG.	PAGE.
i. Races of Europe, c. 1100 A.D.	5	xxiii. English Main Roads before the Industrial Revolution	34
ii. Religions of Europe, c. 1100 A.D.	5	xxiv. A concentric Castle of the 13th Century (Beaumaris)	35
iii. The Hanseatic League	7	xxv. Chateau Gaillard	35
iv. Religions of Central Europe, c. 1600	11	xxvi. An English Village Community	37
v. Religions of Europe, c. 1648	11	xxvii. A Mediæval Walled Town in relation to its Fields (Leicester)	38
vi.-ix. Napoleonic Battles :—		xxviii. A Mediæval Walled Town with Castle, on basis of old Roman Fort (Chester)	39
vi. Battle of Austerlitz	13	xxix.-xxxii. Mediæval English Battles :—	
vii. Battle of Jena	13	xxix. Battle of Bannockburn	39
viii. Battles of Leipzig	14	xxx. Battle of Cressy	40
ix. Battle of Waterloo	15	xxxi. Battle of Poitiers	40
x.-xii. The Napoleonic Re-construction of Germany :—		xxxii. Battle of Agincourt	40
x. Western Germany in 1795	16	xxxiii. Monastic Buildings (Beaulieu Abbey)	41
xi. Western Germany in 1803	16	xxxiv. The Campaign of Marston Moor	42
xii. Western Germany in 1807	16	xxxv.-xxxviii. Battles of the Civil War :—	
xiii. The Battle of Bouvines	18	xxxv. Battle of Marston Moor	43
xiv. Protestants in France	19	xxxvi. Battle of Naseby	43
xv. Provinces of France before the Revolution	20	xxxvii. Battle of Dunbar	44
xvi. Battlefields of Northern Italy	22	xxxviii. Battle of Worcester	44
xvii. The Lines of Torres Vedras	23	xxxix. Enclosures in England in the 18th Century	47
xviii. The German Circles in the 16th Century	26	xl.-xlii. Nelson's Battles :—	
xix. Ernestine and Albertine Lands in Saxony	27	xl. Battle of the Nile	48
xx. Campaign of Gustavus Adolphus	27	xli. Battle of Copenhagen	48
xxi. The Battle of Blenheim	28	xlii. Battle of Trafalgar	49
xxii. The Races of South-Eastern Europe	31	xliii. Egypt and the Nile	61

LIST OF COLOURED PLATES.

** Maps marked with an asterisk are coloured physically, the hill-shading being shown in addition.*

Section I. General Maps of Europe and the Mediterranean Basin. Thirteen Plates.

	Plate Number
*Europe on the Eve of the Barbarian Irruptions—c. 395 A.D.	
Physical. Scale 1 : 25,000,000	I
Europe, c. 476 A.D. 1 : 25,000,000	2a
Europe, c. 520 A.D. 1 : 20,000,000	2b
Europe, c. 600 A.D. 1 : 25,000,000	3a
Europe, c. 650 A.D. 1 : 25,000,000	3b
Mohammedan Dominions in Asia. 1 : 75,000,000	3c
*Europe in the Age of Charlemagne—Physical. 1 : 20,000,000	4
The Partition of Verdun, 843 A.D. 1 : 20,000,000	4a
Frankish Empire under the Merovingians and Early Carolingians. 1 : 20,000,000	4b
*Western Asia in the Age of Charlemagne—Physical. 1 : 20,000,000	5
Europe at the time of the First Crusade. c. 1100 A.D. 1 : 20,000,000	6
Europe, c. 1360. 1 : 20,000,000	7
Europe in 1519. 1 : 15,000,000	8
Europe at the Peace of Westphalia, 1648. 1 : 15,000,000	9
Europe in 1740. 1 : 15,000,000	10
Europe under Napoleon, 1810. 1 : 15,000,000	11
Europe in 1815. 1 : 20,000,000	12
Europe after the Congress of Berlin. 1 : 20,000,000	13
Europe on the eve of the Great War, 1914. 1 : 20,000,000	13a
Europe according to the Peace Treaties of 1919-1921. 1 : 20,000,000	13b

Section II.—The Growth of the Principal States of Europe. Sixteen Plates.

	Plate Number
*France and Burgundy, showing the Main Political Divisions about the year 987 A.D.—Physical. 1 : 5,000,000	14
Growth of the French Monarchy from Philip Augustus to the Hundred Years War. 1 : 9,000,000	15a
France, 1461-1595. 1 : 9,000,000	15b
The Growth of France on the North-East. 1 : 6,000,000	15c
Southern Border of France. 1 : 6,000,000	15d
Paris at the time of the French Revolution. 1 : 50,000	15e
*Italy about 600 A.D.—Physical. 1 : 5,000,000	16
Rome in the Middle Ages. 1 : 100,000	16a

Italy in the X. Century and up to the Norman Conquest.		
I : 10,000,000		17a
Italy in the XII. and XIII. Centuries.	I : 8,000,000	17b
Northern and Central Italy in the XV. Century (1454-1494).		
I : 5,000,000		17c
Growth of Venice.	I : 5,000,000	17d
Growth of Florence.	I : 5,000,000	17e
Italy in the XVII. and XVIII. Centuries.	I : 10,000,000	18a
Italy in the XIX. Century.	I : 10,000,000	18b
Iberian Peninsula at the beginning of the XII. Century.		
I : 10,000,000		18c
Iberian Peninsula from 1257 to 1492.	I : 10,000,000	18d
*Iberian Peninsula at the time of the Peninsular War—Physical.		
I : 5,000,000		19
Strait of Gibraltar.	I : 2,500,000	19a
The Netherlands in the XVII. Century, showing also the Principal Battlefields.	I : 2,500,000	20a
Campaign of Waterloo.	I : 1,000,000	20b
Netherlands—Political Distribution in the later Middle Ages.	I : 5,000,000	20c
Growth of the Swiss Confederation.	I : 2,000,000	21a
*The Alpine Barrier and its Passes—Physical.	I : 5,000,000	21b
*Germany, about the year 962 A.D.—Physical	I : 5,000,000	22
Germany in the XII. Century.	I : 12,000,000	23a
Germany at the end of the XV. Century.	I : 12,000,000	23b
The Upper Rhine and Upper Danube.	I : 5,000,000	23c
The German Confederation.	I : 12,000,000	23d
The Growth of Brandenburg-Prussia.	I : 6,000,000	24a
The Growth of Prussia in the XIX. Century.	I : 6,000,000	24b
Growth of the Habsburg Dominions.	I : 10,000,000	25a
Growth of the Ottoman Empire.	I : 20,000,000	25b
Algiers and Tunis.	I : 30,000,000	25c
Middle Eastern Europe in 1667.	I : 18,000,000	26a
Middle Eastern Europe in 1795.	I : 18,000,000	26b
Growth of the Russian Empire in Europe.	I : 20,000,000	27
The Siege of Sevastopol.	I : 250,000	27a
South-Western Crimea.	I : 250,000	27b
*Russia—Physical.	I : 40,000,000	27c
*The Balkan Peninsula—Physical.	I : 6,000,000	28
Slavonic and Bulgarian powers in the Balkan Peninsula.	I : 20,000,000	28a
The Second and Third Crusades.	I : 20,000,000	29a
The Fourth and Later Crusades.	I : 20,000,000	29b
The Latin States in Syria.	I : 5,000,000	29c
Constantinople at the time of the Crusades.	I : 200,000	29d
Jerusalem during the Crusades.	I : 25,000	29e

Section III.—The British Isles. Sixteen Plates.

	Plate Number
*Roman Britain—Physical. 1 : 3,000,000	30
Britain according to Ptolemy	30a
*The British Isles and their Teutonic Invaders—Physical.	
1 : 8,000,000	31
The English Conquest of Britain. 1 : 6,000,000	32a
England in the Eighth Century. 1 : 6,000,000	32b
England at the Treaty of Wedmore or Chippenham. 1 : 6,000,000	32c
England on the eve of the Norman Conquest. 1 : 6,000,000 ...	32d
England and her Invaders in the XI. Century. 1 : 8,000,000...	33
Mediæval England and Wales. 1 : 2,500,000	34
London in the Middle Ages. 1 : 75,000	34a
The Angevin Empire. 1 : 6,000,000	35
France at the Peace of Bretigny, 1360. 1 : 9,000,000	36a
France in 1429. 1 : 9,000,000	36b
Wales and the Marches in the XIII. c. 1 : 2,500,000...	36c
The Scottish Borders. 1 : 2,500,000	36d
Ecclesiastical England to the time of Henry VIII. 1 : 3,000,000	37
English Dioceses in the Anglo-Saxon Period, c. 800. 1 : 9,000,000 ...	37a
England during the Civil War, 1643. 1 : 4,000,000	38a
England during the Civil War, 1644-1645. 1 : 4,000,000 ...	38b
*Scotland in the XI. Century—Physical. 1 : 2,000,000 ...	39
First Conquests of the Scots, c. 500 A.D. 1 : 3,000,000	39a
Scotland in the 16th and 17th Centuries, showing the principal	
Clans and Families. 1 : 3,000,000	40a
Scotland since the Restoration. 1 : 3,000,000	40b
The Young Pretender's Route in England. 1 : 6,000,000	40c
*Ireland before the English Invasion—Physical. 1 : 2,000,000	41
The Irish Bogs. 1 : 8,000,000	41a
Ireland in the Middle Ages, showing the principal Families	
and Clans. 1 : 3,000,000	42a
The English Plantation of Ireland in the XVI. and XVII. Centuries.	
1 : 8,000,000	42
Ireland since the Reformation. 1 : 3,000,000	42c
The Cromwellian Settlement in Ireland. 1 : 8,000,000	42a
United Kingdom : Parliamentary Representation before 1832.	
1 : 4,500,000	43
England before the Industrial Revolution, c. 1701. 1 : 4,000,000	44a
England after the Industrial Revolution, 1901. 1 : 4,000,000	44b
The Narrow Seas, to illustrate British Naval Wars. 1 : 6,000,000	45a
The North Atlantic. Equatorial scale, 1 : 50,000,000 ...	45b

Section IV.—The Europeanisation of the World. Twenty Plates.

	Plate Number
The World in 1490. 1 : 180,000,000	46a
The World according to Ptolemy, c. 150 A.D.	46b
The World according to Edrisi, 1154	46c
The World according to Fra Mauro, 1459	46d
The World at the Treaty of Saragossa, 1529. 1 : 180,000,000	47a
The World according to Behaim, 1492	47b
The World according to Schöner, 1523	47c
The World, 1600-1650. 1 : 180,000,000	48a
The World according to Mercator, 1587	48b
Australia according to Tasman, 1643	48c
The World at the Treaties of Utrecht, 1713-1715. 1 : 180,000,000	49a
The Search for the North-West Passage. 1 : 40,000,000	49b
The Native Kingdoms of the Moluccas. 1 : 2,500,000	49c
The Moluccas or Spice Islands. 1 : 20,000,000	49d
The World at the Treaty of Paris, 1763. 1 : 180,000,000 ...	50a
The World according to Homan, 1716	50b
The World according to d'Anville, 1761	50c
The World in 1830. 1 : 180,000,000	51a
Arctic Exploration, 1 : 100,000,000	51b
Antarctic Exploration, 1 : 100,000,000	51c
Growth of the German Zollverein, 1 : 12,000,000	51d
The World after the Congress of Berlin, 1878. 1 : 180,000,000	52a
The Franco-German War. 1 : 5,000,000	52b
The Russo-Japanese War. 1 : 5,000,000	52c
The World at the outbreak of the Great War, 1914. 1 : 180,000,000	52d
The World according to the Peace Treaties of 1919-1921. 1 : 180,000,000	52e
*West Indies and Central America showing the Dates of the Principal European Settlements—Physical. 1 : 25,000,000	53a
Political Distribution in 1650. 1 : 50,000,000	53b
Political Distribution in 1763. 1 : 50,000,000	53c
Political Distribution in 1855. 1 : 50,000,000	53d
The Colonisation of North America. 1 : 10,000,000	54a
New England in 1650. 1 : 5,000,000	54b
The Middle Colonies in 1650. 1 : 5,000,000	54c
*North America 1750-1783—Physical. 1 : 10,000,000	55
Quebec. 1 : 250,000	55a
Boston. 1 : 1,000,000	55b
*The Country from Quebec to Baltimore, to illustrate the War of Independence and the Seven Years' War. 1 : 5,000,000	56a
South-Eastern United States, to illustrate the American Civil War. 1 : 10,000,000	56b
The Eastern Field of the Civil War. 1 : 2,500,000	56c
The Growth of British North America and the United States. 1 : 25,000,000	57
South America in 1650. 1 : 50,000,000	58a
*South America in the XIX. Century—Physical. 1 : 50,000,000	58b
*Asia under the Mongols—Western sheet—Physical ; showing the Mediæval Highways of Commerce. 1 : 30,000,000 ...	59
India at the beginning of the XVII. Century. 1 : 30,000,000 ...	59a

*Asia under the Mongols—Eastern sheet—Physical; showing the Mediæval Highways of Commerce. 1 : 30,000,000 ...	60
India in the time of Clive and Warren Hastings. 1 : 20,000,000	61 <i>a</i>
Calcutta and the adjacent Districts or Zemindaries, 1 : 10,000,000 ...	61 <i>b</i>
India in 1805. 1 : 20,000,000	61 <i>c</i>
Neighbourhood of Madras, 1 : 10,000,000	61 <i>d</i>
India in 1858. 1 : 15,000,000	62
Ceylon, 1 : 15,000,000	62 <i>a</i>
The European Powers in Asia during the XIX. Century. 1 : 40,000,000	63
Modern Europeanisation of Africa. 1 : 80,000,000	64 <i>a</i>
Cape Colony before and after the Great Trek. 1 : 10,000,000	64 <i>b</i>
West Africa. 1 : 20,000,000	64 <i>c</i>
*South Africa, showing Growth of British Power during the XIX. Century—Physical. 1 : 20,000,000	64 <i>d</i>
*Natal and Zululand, for the Boer and Zulu Wars. 1 : 4,000,000	64 <i>e</i>
*The British Settlement of Australasia—Physical. 1 : 40,000,000	65 <i>a</i>
Exploration and Colonisation of Australia. 1 : 30,000,000 ...	65 <i>b</i>
Colonisation of New Zealand. 1 : 20,000,000	65 <i>c</i>

CLASSIFIED LIST OF MAPS AND SUBJECTS.

Plate Number

Abbey, Plan of a Mediæval— <i>Fig. xxxii., Introduction, p. 40.</i>	
Africa, British South—Physical	64 <i>d</i>
——— Europeanisation of	46-52, 64
——— West, Colonisation of	64 <i>c</i>
Agincourt, Battle of— <i>Fig. xxxii., Introduction, p. 40.</i>	
Alpine Barrier and its Passes	21 <i>b</i>
America, Central—Physical	53 <i>a</i>
——— Political Distribution in 1650	53 <i>b</i>
——— in 1763	53 <i>c</i>
——— in 1855	53 <i>d</i>
America, North, Colonisation of	46-52, 54 <i>a</i> , 54 <i>b</i> , 54 <i>c</i>
——— Exploration of Arctic	49 <i>b</i> , 51 <i>b</i>
——— Growth of British North America and United States	57
——— North—Physical, 1750-1783	55
——— Civil War	56 <i>b</i> , 56 <i>c</i>
——— Seven Years' War and War of Independence	56 <i>a</i>
——— South	46-52, 58
Angevin Empire	35
Antarctic Exploration	51 <i>c</i>
Arctic Exploration	49 <i>b</i> , 51 <i>b</i>
Asia	46-52
—— Under the Mongols	59, 60
—— The European Powers in, in the XIX. Century	63
—— Western, in the Age of Charlemagne	5
Atlantic, North	45 <i>b</i>
Austerlitz, Battle of— <i>Fig. vi., Introduction, p. 13.</i>	
Australasia, Exploration and Colonisation	48-52, 65
Australia, according to Tasman	48 <i>c</i>
——— Exploration and Colonisation	65 <i>b</i>
Austrian Empire, Growth of the	7-13, 25 <i>a</i>
——— in 1667	26 <i>a</i>
——— in 1795	6-13, 26 <i>b</i>
Balkan Peninsula—Physical	28
Bannockburn, Battle of— <i>Fig. xxix., Introduction, p. 39.</i>	
Barbarian Irruptions into Europe	I
Beaumaris Castle— <i>Fig. xxiii., Introduction, p. 34.</i>	
Behaim, World according to	47 <i>b</i>
Belgian Congo	64 <i>a</i>
Belgium	12, 13, 20 <i>a</i>
Berlin Congress, Europe after the	13
Blenheim, Battle of— <i>Fig. xxi., Introduction, p. 28.</i>	

Bohemia	4-13, 22, 23, 25a
Boston Harbour	55b
Bouvines, Battle of— <i>Fig. xiii., Introduction, p. 18.</i>	
Brandenburg, Growth of	7-13, 23, 24
Bretigny, Peace of	36a
Britain, according to Ptolemy	30a
——— English Conquest of	32a
——— Roman—Physical	30
British Empire	48-52
——— Isles, and their Invaders in the XI. c.	33
——— Parliamentary Representation	43
——— and their Teutonic Invaders	31
Burgundy, County of	8, 9, 15b, 23b
——— Duchy of	6, 14, 15, 23b
——— Kingdom of	4, 6, 14, 23a
——— Lands of the House of	23b, 36b
Calcutta, Environs of	61b
Canada, Growth of	57
——— <i>see also</i> America, North.	
Cape Colony	64b
Carolingian Empire	3
Castles, Plans of Feudal— <i>Figs. xxiv., xxv., Introduction, p. 35.</i>	
Central America— <i>see</i> America, Central.	
Charlemagne, Empire of	4
Chateau Gaillard, <i>Fig. xxiv., Introduction, p. 34.</i>	
Constantinople during the Crusades	29d
Copenhagen, Battle of— <i>Fig. xli., Introduction, p. 48.</i>	
Cressy, Battle of— <i>Fig. xxx., Introduction, p. 40.</i>	
Crimea	26, 27
Crusades	6, 29
d'Anville, World according to	50c
Denmark	7-13
——— Colonial Possessions	46-53
Dunbar, Battle of— <i>Fig. xxxvii., Introduction, p. 44.</i>	
Dutch Colonial Empire	48-52, 61a
Eastern Empire, the	2-8, 29
Edrisi, World according to	46c
Egypt and the Nile— <i>Fig. xliii., Introduction, p. 61.</i>	
Empire, the Holy Roman	6-10, 22, 23
England, and her Invaders in the XI. Century	33
——— Angevin Empire	35
——— Anglo-Saxon	32, 37a
——— during the Civil War	38
——— Ecclesiastical	37

England Enclosures in— <i>Fig. xxxix., Introduction, p. 47.</i>	
——— Industrial Revolution	44
——— Mediæval	34
English Channel	45a
——— Roads, before the Railway Period— <i>Fig. xxii., Introduction, p. 33.</i>	
Europe	1-13b
——— Central, Religions of, C. 1600 A.D.— <i>Fig. iv., Introduction, p. 11.</i>	
——— Middle Eastern	26
——— Racial Map, C. 1100 A.D.— <i>Fig. i., Introduction, p. 5.</i>	
——— Religious Divisions, C. 1100 A.D.— <i>Fig. ii., Introduction, p. 5.</i>	
——— Religious Divisions, 1648— <i>Fig. v., Introduction, p. 11.</i>	
——— South-Eastern : Racial Map— <i>Fig. xxii., Introduction, p. 31.</i>	
——— Southern, during the Crusades	29
Florence, Growth of	17e
Fra Mauro, World according to	46d
France and Burgundy in 987—Physical	14
——— and the Angevin Empire	35
——— Growth of	15
——— in the Hundred Years' War	36a, 36b
——— in Governments before the French Revolution— <i>Fig. xv., Introduction, p. 20.</i>	
——— Protestants in (Reign of Louis XIV.)— <i>Fig. xiv., Introduction, p. 19.</i>	
——— see also	4-13
Franco-German War	52c
Franks, Empire of the	2b-4
French Colonial Empire	48-52, 61-65
German Circles— <i>Fig. xviii., Introduction, p. 26.</i>	
——— Colonial Empire	52, 63, 64
——— Confederation	23d
——— Zollverein	51d
Germany about the year 962—Physical	22
——— in the XII. Century	23a
——— in the XV. Century	23b
——— Napoleonic Re-organisation of— <i>Figs. x., xi., xii., Introduction, p. 16.</i>	
——— the Upper Rhine and Upper Danube	23c
——— see also	4-13, 24, 25a
——— Religious Divisions in 1555— <i>Fig. iv., Introduction, p. 11.</i>	
——— "Circles" in the XVI. Century— <i>Fig. xviii., Introduction, p. 26.</i>	
Gibraltar	19a
Gustavus Adolphus, Campaign of— <i>Fig. xx., Introduction, p. 27.</i>	

	Plate Number
Habsburg Dominions, Growth of the	25a
Hanseatic League— <i>Fig. iii., Introduction, p. 7.</i>	
Holland— <i>see</i> Netherlands.	
Homan, World according to	50b
Hundred Years' War	35, 36
Hungary	6-13, 25a, 26
Iberian Peninsula during the Peninsular War—Physical ...	19
————— XII. Century	18c
————— XIII.—XV. Century	18d
—————	<i>see also</i> 1-13
India in the XVII. Century	59a
—— in 1805	61d
—— in 1858	62
—— under Clive and Warren Hastings	61a
Industrial Revolution in England	44
Ireland, Cromwellian Settlement	42d
—— Early—Physical	41
—— English Plantation	42b
—— in the Middle Ages, showing Families and Clans ..	42
—— since the Reformation	42c
—— <i>see also</i> British Isles.	
Irish Bogs	41a
Italy, about 600 A.D.—Physical	16
—— in the X. Century	17a
—— in the XII. and XIII. Centuries	17b
—— in the XVII. and XVIII. Centuries	18a
—— in the XIX. Century	18b
—— Northern & Central, in the XV. Century	17c
—— Battlefields of Northern Italy— <i>Fig. xvi., Introduction, p. 22.</i>	
——	<i>see also</i> 1-13
Jena, Battle of— <i>Fig. vii., Introduction, p. 13.</i>	
Jerusalem during the Crusades	29c
Leipzig, Battles of— <i>Fig. viii., Introduction, p. 14.</i>	
Lorraine	8-10, 12, 15, 23c
London in the Middle Ages	34a
Madras, Environs of	61d
Marston Moor, Battle of— <i>Fig. xxxv., Introduction, p. 43.</i>	
—— Campaign of— <i>Fig. xxxiv., Introduction, p. 42.</i>	
Mercator, World according to	48b
Merovingian Empire	2, 4b
Mohammedan Empire, in 800	4-5
—— under the Ottomans	7-13, 25b, 26
Moluccas	47-52, 60
Monastic Buildings— <i>Fig. xxxiii., Introduction, p. 41.</i>	
Napoleon, Empire of	11

Napoleonic Reconstruction of Germany—*Figs. x.-xii., Introduction, p. 16.*

Narrow Seas	...	...	...	...	...	...	45a
Naseby, Battle of— <i>Fig. xxxvi., Introduction, p. 43.</i>							
Natal and Zululand	...	...	...	...	...	...	64e
Netherlands, The	...	...	...	...	...	...	8-13, 20
Netherlands, Spanish (or Austrian)	...	...	...	...	...	...	8-9, 20a, 25a
New England in 1650	...	...	...	...	...	...	54b
New Zealand, Settlement of	...	...	...	...	...	...	65c
Nile, Battle of the— <i>Fig. xl., Introduction, p. 48.</i>							
Norman Conquest of England	...	...	...	...	...	...	32d
——— Conquests in Europe	...	...	...	...	...	...	6
——— Italy	...	...	...	...	...	...	17a
North America— <i>see</i> America, North.							
Norway	...	...	...	...	...	...	6-13, 26
Ottoman Empire	...	...	...	...	7, 13, 25b, 26, 28, 46-52, 63	...	
Palatinate	...	...	...	...	...	...	8-10, 23
Palestine during the Crusades	...	...	...	...	...	...	29c
Papal States	...	...	...	...	...	6-10, 12, 16-18b	
Paris during the French Revolution	...	...	...	...	...	...	15e
——— World at the Treaty of	...	...	...	...	...	...	50a
Parliamentary Representation of the United Kingdom	...	...	...	...	...	...	43
Peninsular War	...	...	...	...	...	...	19
Poitiers, Battle of— <i>Fig. xxxi., Introduction, p. 40.</i>							
Poland	...	...	...	...	...	6-10, 12, 26	
Portugal— <i>see</i> Iberian Peninsula.							
Portuguese Colonial Empire	...	...	...	...	...	46-52, 61-64	
Prussia	...	...	...	...	...	7-13, 23, 24	
Ptolemy, World according to	...	...	...	...	...	...	46b
Ptolemy's Map of Britain	...	...	...	...	...	...	30a
Quebec	...	...	...	...	...	...	55a
Roman Empire, the	...	...	...	...	...	...	I
Roman Empire, Eastern	...	...	...	...	...	2-7, 28	
Rome in the Middle Ages	...	...	...	...	...	...	16a
Russia	...	...	...	...	...	6-13, 26, 27	
Russian Empire	...	...	...	...	...	46-52, 63	
Russo-Japanese War	...	...	...	...	...	...	52c
Saracens— <i>see</i> Crusades, Mohammedan Empire and Spain.							
Saragossa, World at Treaty of	...	...	...	...	...	...	47a
Saxony, Ernestine and Albertine Lines in— <i>Fig. xix., Introduction, p. 27.</i>							
Schöner, World according to	...	...	...	...	...	...	47c
Scotland, first conquests of the Scots	...	...	...	...	...	...	39a
——— in the XI. Century—Physical	...	...	...	...	...	...	39
——— in the XVI. and XVII. Centuries, showing Clans	...	...	...	...	...	...	40a

	Plate Number
Scotland since the Restoration	40 <i>b</i>
——— <i>see also</i> British Isles.	
Scottish Borders, the	36 <i>d</i>
Senegambia and Guinea	64 <i>c</i>
Sevastopol, Siege of	27 <i>a</i>
Spain— <i>see</i> Iberian Peninsula.	
Spanish Colonial Empire	46-52, 53, 64 <i>a</i>
Spice Is.— <i>see</i> Moluccas.	
Sweden	6-10, 26
Swiss Confederation, Growth of	21 <i>b</i>
Syria— <i>see</i> Palestine.	
Tasman's Map of Australia	48 <i>c</i>
Torres Vedras, Lines of— <i>Fig.</i> xvii., <i>Introduction</i> , p. 23.	
Town, Plan of a mediæval walled— <i>Figs.</i> xxvii., xxviii., <i>Introduction</i> , p. 38.	
Trafalgar, Battle of— <i>Fig.</i> xlii., <i>Introduction</i> , p. 49	
Turkish Empire— <i>see</i> Ottoman Empire.	
United Kingdom— <i>see</i> British Isles, England, Scotland, Ireland.	
United Provinces	9, 10, 20 <i>a</i>
United States	51-52, 54-57
——— South-Eastern, during the Civil War	56 <i>a</i>
Utrecht, World at the Treaties of	49 <i>a</i>
Venice, Growth of	17 <i>d</i>
Verdun, Partition of	4 <i>a</i>
Village Community, An English— <i>Fig.</i> xxvi., <i>Introduction</i> , p. 37.	
Virginia during the Civil War	56 <i>c</i>
Wales and the Marches in XIII. Century	36 <i>c</i>
——— <i>see also</i> under England.	
Waterloo, Battle of— <i>Fig.</i> ix., <i>Introduction</i> , p. 14.	
Waterloo, Campaign of	20 <i>b</i>
West Indies—Physical	53
——— Political Distribution	47-53
Westphalia, Europe at the Peace of	9
Worcester, Battle of— <i>Fig.</i> xxxviii., <i>Introduction</i> , p. 44.	
World, Europeanisation of the	46-52 <i>e</i>
Zululand	64 <i>e</i>

INTRODUCTION.

SECTION I.—GENERAL MAPS OF EUROPE	pages	1—17
SECTION II.—GROWTH OF THE PRINCIPAL STATES OF EUROPE	„	17—33
SECTION III.—THE BRITISH ISLES	„	33—49
SECTION IV.—THE EUROPEANISATION OF THE WORLD...	„	50—62
SECTION V.—THE GREAT WAR AND ITS EFFECTS ...	„	63—64

INTRODUCTION

NOTE.—Throughout this Introduction references to the coloured plates are given in Arabic numerals, thus, Plate 1, 2, 3, with the addition of letters, a, b, c, where there are more than one map on the same plate. References to the maps engraved in the text are given in Roman numerals, thus Fig. I., II., III.

SECTION I.—GENERAL MAPS OF EUROPE. PLATES 1–13b.

This series of maps shows the general development of Europe and the broad changes of its political distribution.

Europe on the Eve of the Barbarian Irruptions, c. 395 A.D. (Plate 1).—The first map shows the Roman Empire on the eve of its downfall, together with part of its eastern rival, the Persian Empire, and the barbarian tribes beyond. The red line may be said to mark the limits of the civilised world. Only a rough indication of the administrative divisions of the Empire is given, owing to the small scale of the map. The Empire was divided into four great *prefectures* which were subdivided into *dioceses*, and these again into *provinces*. The names of the dioceses of 395 are shown in large capitals. They were grouped into prefectures as follows: I. *Gaul*: Britannia, Gallia, Hispania (with Western Mauretania). II. *Italy*: Italia, Illyricum, Africa. III. *Macedonia*: Dacia, Macedonia. IV. *The East*: Thracia, Asia, Pontus, Syria (with Mesopotamia and Cilicia), Aegyptus. For further detail see the "Oxford Historical Atlas," Plate I. The broad physical features brought out in the map help to explain the course of events. (i.) The Carpathians would, obviously, have formed the best natural frontier for the Empire, but this had been lost when Dacia (mod. Hungary) was abandoned owing to the attacks of the barbarians, c. 255 A.D. The Empire was thus left without a good natural frontier towards the north, except on the line of the Alps. (ii.) The weakest spots on the northern frontier, and therefore the chief seats of Roman armies, were (a) the Rhine, soon to be attacked by the Franks, Allemanni and Suevi, Burgundians and Vandals; (b) the lower Danube, especially exposed to the Visigoths, Ostrogoths and other East-German tribes; (c) the low eastern shore of Britain and northern shore of Gaul, exposed to the piratical raids of the North Sea tribes. (iii.) The strong strategic position of Constantinople should be noticed. It is so placed as to protect Asia Minor, Syria and Egypt from invaders coming from the north. Those invaders who crossed the Danube, therefore, successively passed on through Illyricum to Italy and the West; and during the period of the Germanic invasions the eastern part of the Empire was, in comparison with the west, left almost intact. Protected on the east and south by the deserts of Syria, Arabia and Africa, it seemed to be endangered only in Mesopotamia, where the close neighbourhood of the Persian Empire gave rise to intermittent war.

Europe during the Barbarian Migrations (Plates 2 and 3).—The maps on these plates show four stages in the settlement of the barbarians within the western half of the Empire. These maps should be used in conjunction with Plates 1, 4 and 5.

2 (a). Driven forward by the Huns, the Visigoths crossed the Danube into the Balkan Peninsula and thence through Illyricum into Italy, where they sacked Rome. Thence, with a commission from the Emperor, they passed into southern Gaul and Spain. Meanwhile the Burgundians, crossing the Rhine, had settled in S.E. Gaul, whence they were never dislodged; and the Vandals and Suevi coming by the same route, overran Spain, where the Visigoths found them. The Suevi were penned into N.W. Spain, while the Vandals were driven over the Straits of Gibraltar into the Roman province of Africa, where they founded a kingdom controlling the Western Mediterranean. In the north of Gaul, the numerous tribes of the Franks occupied the valleys of the Scheldt and Moselle, and by 450 only the valley of the Seine remained Roman. The sudden collapse of the Roman power in the western provinces necessitated the withdrawal of Roman armies from Britain, whose south-east coast now began to be settled by pagan Saxons and Angles. As yet no barbarian nation had settled in Italy, but the feeble Emperor of the West, who nominally ruled from Ravenna, was dependent for his existence upon a barbarian army. In 476 A.D., Odoacer, then general of this army, suppressed the Western Empire, and established a kingdom in Italy, owing nominal allegiance to the Emperor at Constantinople. Thus the western half of the Empire, except the Seine valley, had passed into the hands of the German barbarians by 476.

2 (b). Meanwhile the Ostrogoths had followed the Visigoths over the Danube, and after being settled for a time in Illyricum, passed under Theodoric into Italy, where they overthrew Odoacer (493) and established a powerful and well-governed, though short-lived empire, which in the first years of the sixth century was the most formidable power of the West. Its chief rival was the growing power of the Franks. Their divided tribes were united under Clovis (481–511), who subdued the Roman district in N. Gaul (486), reduced the Allemanni to submission (495–6), and conquered the great province of Aquitaine from the Visigoths (507). Thus by about 520 five principal barbarian states divided the western half of the Roman Empire between them: the Ostrogoths, the Franks, the Visigoths, the Vandals, and the Burgundians.

3 (a). Of these, however, only the Frankish and Burgundian kingdoms were to survive. During the next two centuries the other three all disappeared from the map. The Eastern Empire, showing a new vigour under Justinian (528–565), destroyed the Vandal kingdom in Africa (533–4) and the Ostrogothic kingdom in Italy (535–552), and these countries became again part of the Empire. But the Empire was not strong enough to maintain these conquests. The Mongolian Avars occupied the country north of the Danube (c. 570), finally settling in modern Hungary, and constantly attacked the Empire. The Slavonic tribes had taken the place of the Germans who had fallen upon the Empire, and now occupied the plains as far west as the Elbe, together with Bohemia and Illyricum; they also pressed into the Balkan peninsula (c. 590), of which they

gradually occupied the greater part. The Lombards, a German tribe, pressed down into Italy (568), and though they were never able to conquer it entirely, reduced it to confusion (*see* **Plate 16**). At a later date, the Mongol tribe of Bulgarians also crossed the Danube and established a state in the region of modern Bulgaria (679).

3 (b). In addition to the attacks of these tribes, the Eastern Empire had to wage constant wars against the Persians. Hitherto it had kept its Asiatic and African lands intact. In the seventh century it was for the first time threatened also from the South, where the Arabs, united by the preaching of Mohammed, simultaneously attacked the East-Roman and the Persian Empires, subjugated the latter completely, and tore from the former the great provinces of Syria (632-9) and Egypt (640). During the next century the Saracens or Arabs extended their Empire eastwards almost to the Indus (*see* **Plate 5**), and westwards along the north coast of Africa to Spain, where they destroyed the Visigothic kingdom (711), leaving only a few tiny independent Christian states among the mountains of N. Spain, and pressed onwards into Gaul. Here they came in conflict with the Franks. The Frankish Empire was still the greatest of the Western Powers, but during the seventh century it had been deeply disorganised and divided, and if it had not been reunited under the vigorous Carolingian line, it would have fallen before the Saracens. Their advance was stopped at Tours (732), and the fortunes of the western world were thus left to rest upon the Franks.

The Western World in the Age of Charlemagne (Plates 4 and 5). These two plates, drawn to the same scale, form a single map and illustrate the three great powers which at the beginning of the ninth century divided the Western World between them. I. The Frankish Empire under Charlemagne included, with the exception of England, the whole of the lands occupied by the Germans within and without the ancient limits of the Empire, and almost the whole of Latin Christendom. Charlemagne's task was two-fold; (a) to bring all the German lands under one rule; this he did by the conquest of the Saxons (775-85), the effective subjugation of the semi-independent Bavarians (788), and the conquest of the Lombard Kingdom in Italy (774); (b) to extend the frontiers of Christendom; this he did by winning the Spanish March from the Saracens, thus beginning the advance of the Christian powers in Spain (785-812); by beating back the Mongolian Avars (796-9), and by setting up a series of border provinces against the Slavonic tribes, thus beginning the slow process of German advance eastwards. In effect, however, the limit of the German lands at the end of his reign was the Elbe. The Slavonic tribes were still to give much trouble under Charlemagne's weaker successors; the Mongolian Magyars (who replaced the Avars in Hungary, c. 900) were to give more; and the unsubdued and still pagan Scandinavians most of all, plundering and ravaging all the coast-line from the Elbe southwards, on both sides of the North Sea. Nevertheless, Charlemagne's Empire gave a real basis of unity to the nascent civilisation of the Germanised west, and this was recognised by the revival of the Western Roman Empire in his person, 800 A.D. II. The Eastern Empire was now much reduced in extent. In

the west it held only the islands and some patches of the Italian coast; in the Balkan Peninsula the Slavs and the Bulgarians had deprived it of all the upland country, leaving only Thrace and some coastal strips, and its main strength rested upon the solid block of Asia Minor. III. The Saracen Empire was now at the height of its civilisation. But it was already broken into two parts, Spain under the Ommeyyads constituting a separate caliphate since 750; and though the Saracens were at intervals dangerous in Italy and the Western Mediterranean, they no longer threatened Europe as a whole. During the ninth and tenth century the vast Empire of the Saracens rapidly broke into fragments.

4a shows the division of Charlemagne's Empire among his grandsons by the Partition of Verdun (843), which is the beginning of the demarcation of modern France, Germany and Italy. Between France and Germany lies a long and rambling territory held, along with Italy, by the Emperor Lothar. This region consists of two parts: (a) The old kingdom of Burgundy, from which, however, the N.W. part (compare Plate 2b) was cut off; this segment remained throughout modern history part of the kingdom of France under the name of the Duchy of Burgundy; (b) the valleys of the Meuse and Moselle, called (after the Emperor) Lotharingia (mod. Lorraine), and including the first conquests of the Franks and their capital, Aix-la-Chapelle. The modern history of Western Europe is largely concerned with the struggle between France and Germany for the control of Lotharingia and the kingdom of Burgundy, and the student will find it profitable to trace the fortunes of these territories throughout the series of maps.

4b shows the extent of the Frankish Empire in the later Merovingian period, before the rise of the Carolingians. No attempt is made to indicate the frequent and changing divisions of these lands among the princes of the Merovingian period, because they exercised no permanent influence. The chief point to note is the growing contrast between the two regions, Neustria and Austrasia, in which the Franks themselves had chiefly settled. Neustria, mainly settled by the Salian Franks from whom the Merovingian line came, had been more purely Roman, and rapidly imposed its Latin speech upon its conquerors; it is the true Francia (cf. Plate 14). Austrasia, mainly settled by the Riparian Franks, remained in effective contact with the German lands, and maintained its German speech. It was to provide the new ruling line of the Carolingians.

Europe at the Time of the First Crusade, c. 1100 (Plate 6).—At the end of the eleventh century, the great racial movements affecting Western Europe were practically at an end, though there were still to be movements of eastern tribes affecting Western Asia and the plains of Russia. The main features of the racial distribution of Western Europe at this period are shown in Fig. I. The last great movement in the West was that of the Northmen, who had by 911 established the powerful Duchy of Normandy, whence England was conquered in 1066, while the Norman power was also planted in S. Italy and Sicily (Duchy of Apulia and County of Sicily) during the eleventh century (Plate 17a). These Scandinavians who breathed new life into every community which they entered, also guided the beginning

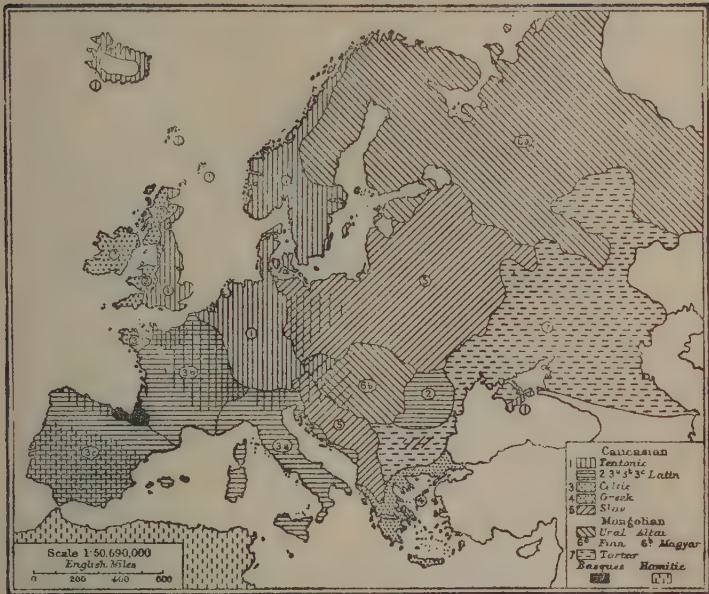


FIG. I.—RACES OF EUROPE, c. 1100 A.D.



FIG. II.—RELIGIONS OF EUROPE, c. 1100 A.D.

of the organised Russian states which had arisen since the invasion of Rurik and his Varangians (862), with their chief centres at Novgorod and Kief. During the centuries since Charlemagne, Christianity had also spread with great rapidity; those of the Northmen who remained in their original homes had been converted, as had also most of the Slavonic tribes, notably the Poles, who had begun to form themselves into an organised state like those of the west, constantly at strife with Germany. The Magyars, or Hungarians, also had accepted Latin Christianity; while the Greek form of Christianity had spread over the Balkan Peninsula and been adopted in Russia. The only important region which remained pagan was the southern and eastern border of the Baltic, including especially the (Slavonic) Prussians and the Lithuanians. The religious divisions of Europe at this period and generally throughout the Middle Ages are shown in Fig. II. The dominant power in Europe during this period was the kingdom of Germany (*see Plate 22*), which, under the kings of the Saxon and Franconian lines (918-1125), had not only welded together the four great nation-duchies of Germany (Saxony, Franconia, Swabia, Bavaria), but had united Lotharingia to Germany, assumed the Lombard crown in Italy (962), annexed the kingdom of Burgundy (1033), and compelled the Slavonic kingdoms of Bohemia and (at intervals) Poland to recognise their dependence. This pre-eminence of the German Kingdom was recognised by the revival of the name of the Roman Empire; from 962 the Holy Roman Empire was always held by the German king for the time being. From the beginning, however, the Empire was always limited in effect to the three kingdoms of Germany, Burgundy and Italy. Among the other European states there was at this date no rival to the Empire. France was broken up into great feudal states (*see Plate 14*), and several of these were more powerful than the king, who held direct sway only over a very limited territory. In Spain a series of small Christian states had begun to make progress against the Saracens, whose unity had vanished (*see Plate 18c*). Not only had the Saracen power broken up in Spain, in Egypt a separate caliphate had been established by the Fatimites (973), while in the east the Seljuk Turks from Central Asia had made themselves masters of the greater part of the caliphate, though their power was far from being efficiently organised. In 1071, the Seljuk Turks defeated the Eastern Emperor at Manzikert and conquered the greater part of Asia Minor. It was this dangerous advance, together with the conquest of Jerusalem and the Syrian coast by the Turks which brought about the First Crusade. The Eastern Empire, deprived of Asia Minor, could scarcely have survived, had it not previously (1013) subjugated the Bulgarians and many of the Slavonic tribes, and thus gained effective control over the Balkan Peninsula.

Europe, c. 1360 (Plate 7).—This plate shows Europe in the later Middle Ages, when the Empire had broken into fragments, and France had already taken its place as the leading European state. In 1356, by the Golden Bull, the division of Germany into numerous practically independent states was recognised, and its constitution as a loose federation under the presidency of the Emperor was fixed. Henceforward the chief interest in the history of Germany consists in the rivalry of the great princely families.



FIG. III.—THE HANSEATIC LEAGUE.
The area left white was commercially controlled by the League.

The territories held by the two chief of these at this period, the houses of Habsburg and Luxemburg, are shown on the map; for the princely States of Germany at a later date, *see* **Plate 23*b***. The disunion of Germany during the thirteenth and fourteenth centuries had also encouraged the rise of the Swiss Confederation, which had established its independence by 1358 (*see* **Plate 21*a***); while the inability of the Emperor to protect trade led to the rise of the Hanseatic League, which in 1368 included 77 towns. The area covered by the activities of the League, together with its chief members and foreign depôts, are shown in Fig. III. France had already begun to eat into the kingdom of Burgundy, having acquired Dauphiné in 1349, while Provence, though not held by the French king, was in the possession of a branch of the French royal line (House of Anjou) (**Plate 15*a***). The Angevin House had also acquired the great kingdom of Hungary (1342), and the Norman kingdom of Naples (1268), which had been held by princes of the Hohenstauffen line from 1194 to 1268. Sicily, formerly a part of the same kingdom, had revolted from the House of Anjou, and since 1282 had been ruled by an Aragonese prince. The rest of Italy was divided into many small states, republican or despotic, the chief of these being Milan, under the Visconti; while Venice and Genoa had acquired widely scattered territories in the Eastern Mediterranean, and had become independent states of the first importance. While, however, Germany was paying the penalty of its disorganisation at home and in Italy, on the north and east it had made considerable advances, having conquered and largely settled the Baltic shore from the Elbe almost to the Vistula, while German language and customs were increasingly winning ascendancy in Brandenburg, Lusatia, Silesia, and other lands east of the Elbe. Two German military orders, the Teutonic Knights and the Knights of the Sword, had conquered for Christendom the pagan districts of Prussia, Livonia and Esthonia (since 1230), though they were soon to be reduced to dependence by the growing power of Poland. In the west, France had become a great and powerful state; she had been compelled to accept defeat from the English in the first part of the Hundred Years' War, and to cede large territories in the south to England (1360), (**Plate 36*a***), but these were soon to be regained, and France and England were now the leading states of the West. In Spain the little states had been consolidated into four, and the Moors had been penned into a strip of territory in the extreme south (*see* **Plate 18*d***). The kingdoms of Castile and of Aragon (which held also the Western Mediterranean islands) had become European powers of the second, if not of the first, rank. The greatest changes on the map since the date of the previous map are those in Eastern Europe and Asia. The Fourth Crusade (1204), diverted by the greed of the Venetians, had been turned against the Eastern Empire, and for a short time (1204-61) Constantinople had been the seat of a Latin Empire (*see* **Plate 29*b***). After the Greek Empire was restored at Constantinople, petty Latin states still occupied Greece proper, while Venice, Genoa and the Knights of St. John held many of the islands. The Eastern Empire had thus been reduced to impotence. In the Balkan Peninsula a great Servian Empire had been established, though it broke up on the death of King Stephen Dushan in 1355; meanwhile, in 1291, the last relics of the Latin states in Syria, created

by the First Crusade (Plate 29c), had been destroyed by the fall of Acre. Only the deep divisions of the Mohammedan and Turkish powers had enabled the Christian states of the East to survive so long. But in the first half of the fourteenth century a new and more vigorous power appeared in the Ottoman Turks, so called from their leader Othman. They had by 1360 conquered all the lands of the Empire in N.E. Asia Minor, as well as Gallipoli on the European side of the Dardanelles, and in the next year, 1361, were to conquer the territory immediately behind Constantinople and threaten its extinction (Plate 25b). The final fall of the Eastern Empire was already inevitable, and was delayed only by the attack of Timur the Tartar, weakening the Turks (Battle of Angora, 1402). For the Empire of Timur, *see* Plate 59. Further north, a Tartar invasion of Russia (the Golden Horde) had reduced the rising Russian states to subjection (1241), not to be shaken off till the fifteenth century, and had left the Russians powerless to resist the rapid rise of the new Slavonic state of Lithuania, soon to be united with Poland.

Europe in 1519 (Plate 8).—At the opening of the modern age, and on the eve of the Reformation and the long strife to which it gave rise, the main feature of the map is the appearance of great consolidated states in the West and East of Europe. France (*see* Plate 15b) had expelled the English (except from Calais), subjugated the last of the great feudatories, and taken another large bite out of the old kingdom of Burgundy by the acquisition of Provence (1481). Spain had been unified by the marriage of Ferdinand of Aragon and Isabella of Castile (1479), the conquest of Granada (1492), and the conquest of Navarre (1512). Poland had become, in extent of territory, a power of the first rank by its union with Lithuania. The Ottoman Turks had subjugated the whole of the Balkan peninsula, conquered Constantinople (1453) and were on the eve of still further advances (*see* Plate 25b). The Scandinavian powers had been united since 1397 in the Union of Calmar; but this union was already threatening to break up; it was dissolved when Sweden declared its independence in 1523. In the midst of these great consolidated states lay the disintegrated countries of Germany and Italy, which were for this reason the main fields of the continual wars of this age. In Italy (*cf* Plate 17c), which had been the scene of strife since 1494, the most important native power was that of Venice, which had acquired a large territory on the mainland in the second half of the fifteenth century; both France and Spain had obtained a foothold in Italy, in Milan and Naples respectively. In Germany, the chief states were those of Austria, Saxony, Brandenburg and Bavaria; but there were also some 300 independent smaller states. Note the extent of territory owned and ruled by Churchmen on the eve of the Reformation (coloured blue). But the most striking feature of the map at this date is the emergence of a wide and scattered Empire which seemed likely in 1519 to subjugate the two divided countries of Germany and Italy, and adding their resources to those of Spain, to leave France and the other powers helpless. This was the Empire of Charles V, coloured light yellow on the map. He inherited from his grandmother, Isabella—Castile; from his grandfather, Ferdinand—Aragon, Sardinia,

Naples and Sicily; from his grandmother, Mary of Burgundy, daughter of Charles the Bold, what remained of the Burgundian power—the Netherlands and Franche Comté (*cf.* Plate 23*b*); and from his grandfather, Maximilian—the Austrian lands of the Habsburgs. On his election as Emperor (1519), he obtained also a supremacy over Germany and Italy, which his great resources seemed likely to turn into a reality. The Austrian lands Charles made over to his brother, Ferdinand, thus establishing those two branches of the Habsburg House, whose relations largely governed European politics during the next two centuries; in 1526 the Austrian lands were increased by the succession to Bohemia, Moravia, Silesia and Hungary (Plate 25*a*), though the greater part of the last-named was conquered by the Turks in the same year (*see* Plate 25*b*). Note, however, (1) that Charles' dominions were so scattered that the communications between them were in every case dependent upon his enemies; (2) that while they threatened to surround France, they also lay exposed to the attacks of that consolidated power, with which he waged continual war; (3) that in the East he was exposed to danger from the Turks, and had to face the formidable power of Solymán the Magnificent; (4) that in Italy his position was such as to alarm the Papacy as much as the Empire of the Hohenstauffen had done; (5) that in Germany he had to count upon the jealousy of all the smaller princes, and especially had to deal with the Reformation, a movement of which these princes made use for their own purposes. Thus, despite all his resources, patience and skill, he failed to consolidate his power in Germany and Italy, and left these countries even more deeply divided than before.

The main political fact of the sixteenth century was the rapid growth of the Reformed religion in Central Europe. The extent of this growth towards the end of the century is shown in Fig. IV., where it should be noted that at the beginning of the seventeenth century, not only Northern Germany but Bavaria and the Habsburg lands seemed likely to adopt Protestantism. It was the work of the Counter-Reformation, of Philip II, Ferdinand of Styria, Maximilian of Bavaria, and of the Thirty Years' War, to prevent this.

Europe at the Peace of Westphalia (Plate 9).—After the century and a half of warfare which followed the Reformation, Europe re-adjusted its political relations in the important Treaties of Westphalia, which continued to govern European politics till the French Revolution. At the same time the treaties recognized the division of Western Europe between the Roman and the Protestant faiths. This division, which is shown in Fig. V, has continued, almost without change, until to-day. In the political re-adjustment some outstanding facts should be noted. (1) The growth of France, now beyond rivalry the first power of Europe. By the acquisition of the bishoprics of Metz, Toul and Verdun, and of a great part of Alsace, she had begun that process of advance on the north-east, at the expense of Germany and of Spain, which was to alarm Europe. (2) The greatness of Sweden, now for a short time one of the great powers. She had, since the date of the last map, acquired Ingria and Carelia from Russia (1617), Esthonia and Livonia from Poland (1629), and thus controlled the eastern shore of the Baltic. As a result of the part she had played in the Thirty



FIG. IV.—RELIGIONS OF CENTRAL EUROPE, c. 1600.



FIG. V.—RELIGIONS OF EUROPE, c. 1648.

Years' War she acquired, at Westphalia, West Pomerania, with control over the mouth of the Oder, and the Bishoprics of Bremen and Verden, with control over the mouths of the Weser and Elbe. (3) The United Provinces, having successfully revolted from Spain, obtained recognition of their independence in 1648, and were also declared to be no longer part of the Empire. They were at the height of their brief period of greatness as one of the leading powers of Europe. (4) Germany had thus shrunk in area, and found herself, owing to her disintegration, a prey to the ambition of external powers, while the Treaties of Westphalia, regarded as a "fundamental law of the Empire," stereotyped her hopeless disorganisation. (5) Within Germany the greatest power was that of the Habsburg House, in which the title of Emperor had almost become hereditary; but Austria was still seriously threatened by the Turk, and her territories were, racially, much divided (*cf.* Fig. XXI). Among the other German powers, Brandenburg made the greatest gains by the treaties, and the growth of its power is henceforth the main feature of German history (*see* Plate 24). (6) Poland and Turkey were still at their maximum of territory. Note how they and Sweden shut out Russia from all contact with the sea and with Western Europe. It is in this region that the main changes in the map of Europe are hereafter to take place (*see* Plate 26).

Europe in 1740 (Plate 10).—This plate illustrates the complicated wars and diplomacies of the eighteenth century. The chief points to note are—(1) The continued growth of France on the east and north-east: Franche-Comté, the remainder of Alsace, Lorraine and a large slice of the Netherlands having been added by Louis XIV and Louis XV (*see* also Plates 15c and 23c); Lorraine was acquired in virtue of the Treaty of Vienna, 1737, but was not incorporated as French territory till 1766, on the death of the ex-king Stanislas of Poland; (2) the bulk of the Spanish dominions had passed to the House of Bourbon, the Netherlands to Austria, in accordance with the treaties of Utrecht and Rastadt; (4) the position of Hanover involved England in the complicated relations of Europe; (5) the power of Sweden had shrunk by the loss of Bremen and Verden to Hanover, part of W. Pomerania to Brandenburg (since 1700 known as the kingdom of Prussia), and the Baltic provinces to Russia; (6) Poland, had lost a great strip of territory on the east to Russia (1667) (*see* Plate 26a); (7) the Ottoman Empire had lost all Hungary; (8) but while these great states of the seventeenth century were declining, two new kingdoms show a marked advance since the date of the last map:—Savoy, now the kingdom of Sardinia, and Brandenburg, now the kingdom of Prussia. These two new kingdoms were to become the nuclei of modern Italy and Germany.

Europe under Napoleon, 1810 (Plate 11).—Each stage in the career of Napoleon was marked by some change in the map of Europe. Among these numerous and temporary changes only the final stage is here shown, representing the Napoleonic Empire at its height, when after Austerlitz and Jena, Austria and Prussia had been brought to their knees, and almost all the rest of Europe was in dependent alliance with the Emperor. Napoleon's direct acquisitions of territory (coloured dark green) include the whole coast of the North Sea from the Scheldt to the Elbe, an annexation

NAPOLEONIC BATTLES.—I. & II.

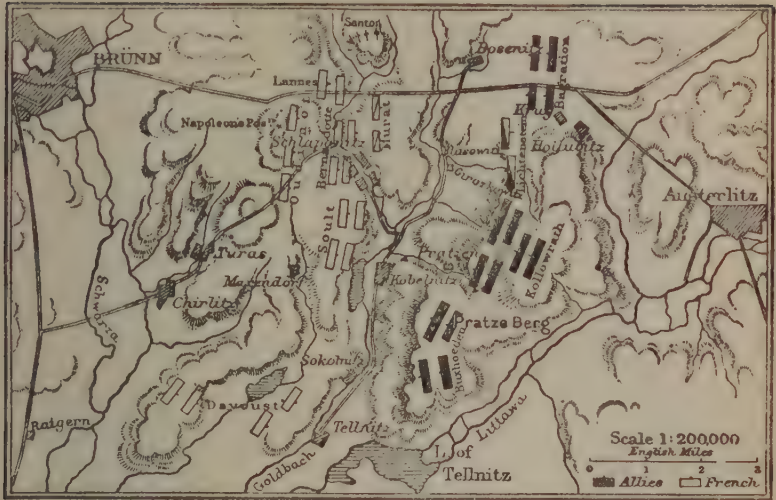


FIG. VI.—THE BATTLE OF AUSTERLITZ, DECEMBER 2, 1805.



FIG. VII.—THE BATTLE OF JENA, OCTOBER 14, 1806.

INTRODUCTION

NAPOLEONIC BATTLES.—III. & IV.

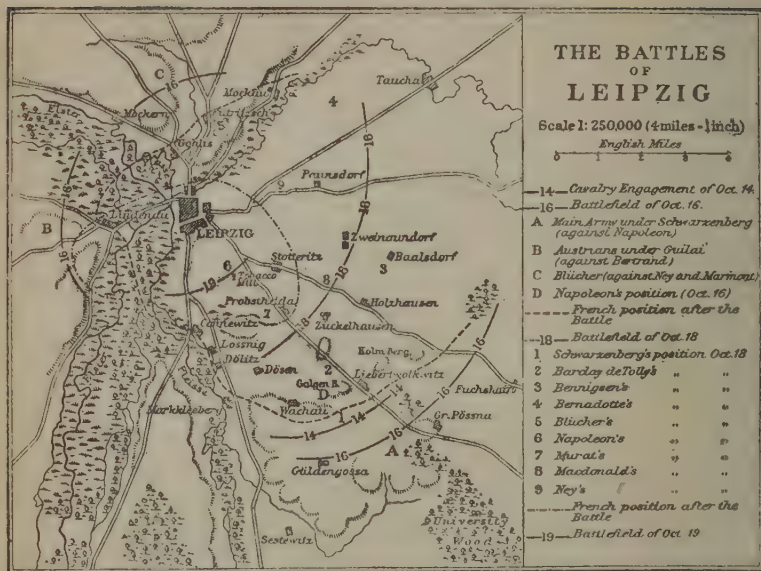


FIG. VIII.—THE BATTLES OF LEIPZIG, OCTOBER 16-19, 1813.



FIG. IX.—THE BATTLE OF WATERLOO (AS AT 11 A.M.), JUNE 18, 1815.

rendered necessary as a means of enforcing the exclusion of English goods ; a large part of Italy ; and the Adriatic coast, the latter in order to cut off Austria from contact with the sea and with her former English allies. In regard to the dependent states of his Empire (coloured light green) it should be noted (1) that the Confederation of the Rhine immensely simplified the political geography of Germany and encouraged the rise of German national feeling ; it was impossible even for the diplomatists of 1815 to restore the old confusion. In a measure, the same may be said of Italy, though there the restoration was more complete : the Napoleonic deluge obliterated many irrational divisions, and, at least, showed that they were neither inevitable nor necessary. In Poland, again, when he created the Grand Duchy of Warsaw out of the sections of Polish territory which Austria and Prussia had received in the second and third partitions (*cf* Plate 26*b*), he appealed to the sentiment of Nationalism. But note the expansion of Russia since the date of the last map. She kept in the time of Napoleon all that she had annexed from Sweden, Poland and Turkey (Plate 26) and added Finland. A more detailed treatment of the Napoleonic reconstruction of Western Germany will be found in Figs. X, XI and XII. For the wars of the French Revolution and Napoleon, *see* Plates 20, 21, 23*c*, 24 and Figs. VI, VII, VIII, IX, XVI.

Europe in 1815 (Plate 12).—This plate shows the reconstruction of Europe effected by the Great Powers in 1815. Note especially the features of the settlement which, by disregarding national sentiment, produced the principal troubles of the nineteenth century :—(1) The forced union of Sweden and Norway ; (2) the similar union of Holland and Belgium ; (3) the restoration of the old disunion in Italy, and the controlling power exercised by Austria there in the possession of Lombardy and Venetia ; the one favourable feature being the expansion of the kingdom of Sardinia by the addition of Liguria and other lands ; (4) the revival, in the German Confederation (*see* Plate 23*d*), of a ghost of the old Holy Roman Empire, powerless to achieve anything, and useful only as an aid to Austria in checking any movement towards unity or liberty. Germany, however, emerges greatly simplified, and above all, with one dominant power, Prussia, (Plate 24*b*) capable of becoming a centre of unity. Note also the growth of Russia, now mistress of Finland and Poland and the shores of the Black Sea ; also having annexed Bessarabia—a step* on the way to Constantinople.

Europe after the Congress of Berlin (Plate 13).—The changes in the political geography of Europe which have taken place during the nineteenth century have been due mainly to the movements for national unity and independence which were the chief cause, along with the Liberal or Constitutional movement, for the successive wars and revolutions which harassed Europe between 1815 and 1880. Their main results have been (1) the consolidation of the two great states of Germany and Italy, whose disintegration had given rise to most of the military and diplomatic events of the fifteenth, sixteenth, seventeenth and eighteenth centuries ; (2) the break-up of the Ottoman Empire and the creation of a group of minor states in the Balkan peninsula ; (3) the establishment of the small independent Kingdom of Belgium. Since the date of the map the union of Sweden and Norway,

THE NAPOLEONIC RECONSTRUCTION OF GERMANY.

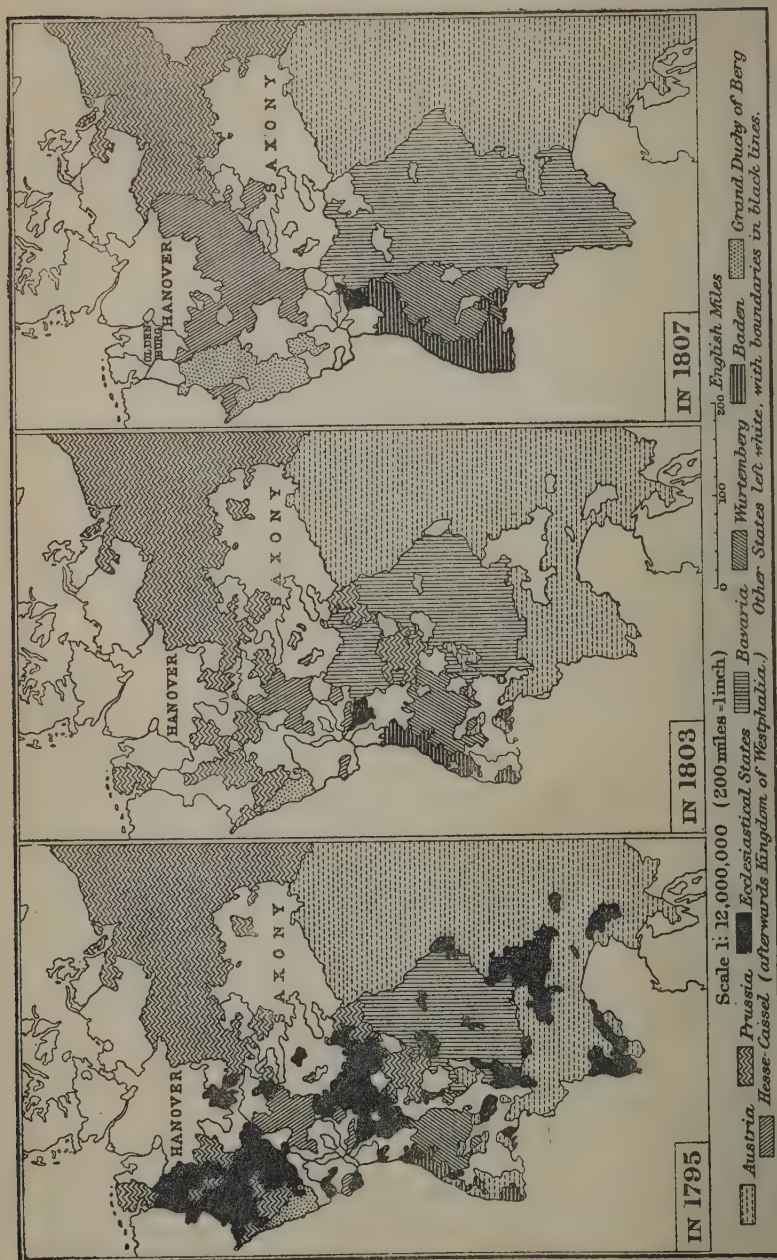


Fig. X.—WESTERN GERMANY IN 1795.

Fig. XI.—WESTERN GERMANY IN 1803.

Fig. XII.—WESTERN GERMANY IN 1807.

which like that of Holland and Belgium, was established in 1815 without consultation of the peoples concerned, has been peacefully dissolved (1905). Apart from this there have been no subsequent changes of importance except the formal annexation of Bosnia and Herzegovina by Austria, which had occupied them under the terms of the Treaty of Berlin. The earliest infractions of the Treaty of Paris were the establishment of the independence of Greece and of Belgium (1830). Next came the beginning of the union of Italy (*see* Plate 18*b*), under the aegis of Napoleon III. 1859-60. The second stage in the union of Italy (acquisition of Venetia, 1866) was rendered possible by the attack of Prussia upon Austria in that year; the third and last stage (acquisition of Rome, 1872) was rendered possible by the attack of Germany upon France (1870), whose forces had maintained the papal power in Rome. Thus the creation of united Italy has been, with poetic justice, intimately linked with the consolidation of Germany. In the union of Germany the main features were (1) the gradual combination of the German states in a commercial union (*see* Plate 51*d*) under the leadership of Prussia; (2) the expansion of Prussia by the acquisition of Schleswig-Holstein, Hanover and Hesse-Nassau (1866) (*see* Plate 24*b*); (3) the crushing defeat of Austria by Prussia 1866, and the extrusion of the former from the Germanic confederation; (4) the attack of the German powers, other than Austria, upon France (1870) under the leadership of Prussia, the dramatic vengeance taken for the long period of French aggression upon Germany by the annexation of Alsace and Lorraine, and the consolidation of the allied German states into the German Empire (1871). For the recast of the Balkan peninsula *see* Plate 28*a*. The other territorial changes of the period include (1) the acquisition by France of Savoy and Nice (1860), the price paid by Italy for French aid against Austria; and of Algeria (from 1828); (2) the full incorporation in the Russian Empire of Poland and Finland, which were left by the treaties of 1815 as independent states only linked to Russia by subjection to the same monarch; (3) the annexation by Austria of the little republic of Cracow, the sole free remnant of Poland left by the monarchs of 1815. The main feature of European history since 1881 has been the competition of the great powers for extra-European possessions. This is fully illustrated in Section IV of the Atlas

SECTION II.—THE GROWTH OF THE PRINCIPAL STATES OF EUROPE. PLATES 14-29.

The maps in this section deal in turn with each of the principal states or regions of Europe. The periods dealt with also supplement, and fill the gaps between, the general European maps. In general a large physical map of each area is given, showing the boundaries (usually of an early period) in red; and this is followed by a series of small maps for different periods, *which the student should always read in conjunction with the main physical map*. A uniform scale has been preserved in the physical maps of France, Italy, Spain and Germany.

France and Burgundy in 987 (Plate 14).—Shows the original limits of the Kingdoms of France and Burgundy. France consisted essentially of the valleys of the Somme, Seine, Loire and Garonne, Burgundy of the valley of the Rhone; while the valleys of the Meuse and Moselle, forming the Duchy of Lotharingia, constituted part of the kingdom of Germany throughout the Middle Ages (*cf.* Plate 22). The Cevennes constituted roughly the natural frontier between France and Burgundy. Note the *Duchy* of Burgundy, cut off from the kingdom by the Partition of Verdun, 843, and always thereafter part of France. In the following maps the student should trace the gradual acquisition by France of the whole of the kingdom of Burgundy, except Savoy (acquired by France in 1860, see Plate 18*b*) and Western Switzerland. Note also the great original territorial divisions of France: (1) the Duchy of Francia, corresponding to the Neustria of the later Merovingians and early Carolingians, from which (2) the Duchy of Normandy was cut off by the Treaty of St.-Clair-sur-Epte in 911; (3) the County of Flanders; (4) the Celtic Duchy of Brittany; (5) the vast Duchy of Aquitaine; (6) the Duchy of Gascony; (7) the County of Toulouse; (8) the District of Septimania, or Gothia, the last part of France held by the Visigoths; and (9) the County of Barcelona—i.e., the Spanish March, conquered by Charlemagne, which remained nominally part of the kingdom of France until 1258. Within these greater divisions some of the mediate feudal states are noted, but without precise boundaries, because these frequently shifted.

The Growth of France (Plate 15).—The development of the French monarchy falls naturally into four periods: (1) From Philip Augustus to

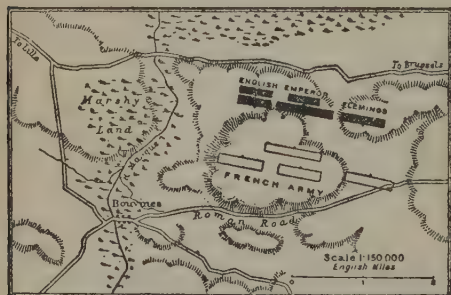


FIG. XIII.—THE BATTLE OF BOUVINES,
JULY 27, 1214.

the Hundred Years' War (1180–1337), in which the chief feature is the gradual subjugation of the great feudatories. This period is illustrated in 15*a*, but it is impossible to show in detail in a single map the complicated history of the royal domain; for further detail see "Longnon's Atlas of French History." Territories acquired by the Crown were frequently alienated as "appanages" for younger members of the royal house, and were not re-acquired till much later. Thus *Poitou* was conquered from John and Henry III. of England by Philip Augustus and Louis VIII., but became an "appanage" of Alphonse, Louis VIII.'s son; Alphonse married the heiress of the County of Toulouse and Marquisate (not County) of Provence, and on his death without heirs these lands along with Poitou passed to Philip III. of France. Poitou is therefore coloured for Philip III., not for Philip Augustus. Again, *Artois*, acquired by Philip Augustus,

became the appanage of Robert, another son of Louis VIII. ; it subsequently fell into the hands of the House of Burgundy, and was not finally added to the royal domain until the time of Louis XIV. For the Battle of Bouvines, the supreme victory of Philip Augustus, see Fig. XIII. (2) The second period is that of the Hundred Years' War (1337-1453). This is illustrated by the two maps, Plate 36*a* and *b*, and by Figs. XXX-XXXII, p. 40. The period left France exhausted and disorganized, but sick of feudal disorder, and therefore ready for the reconstructive work of Louis XI. (3) The third period extends to the end of the Wars of Religion and the beginning of the ascendancy of France under Henry IV. This is illustrated by 15*b*. The main features of this period are (*a*) the suppression of the last great



FIG. XIV.—PROTESTANTS IN FRANCE.

The black dots indicate the chief recognised places of Protestant worship in the reign of Louis XIV.

independent feudal states: Burgundy, on the death of Charles the Bold (1477); Brittany, on the marriage of its heiress, Anne, to Charles VIII. (1491); Anjou and Provence, by the deaths of René and Charles of Anjou (1480 and 1481); (*b*) the part played during the sixteenth century by the powerful Bourbon branch of the royal line: the lands of the Constable Bourbon in the reign of Francis I. and of the Bourbons of Navarre, the Protestant leaders during the Wars of Religion, are specially indicated on the map, which also shows the principal places of importance during this war. The distribution of the Huguenots in France is illustrated by

Fig. XIV., which shows the chief recognised Protestant centres where public worship was licensed under the Edict of Nantes. Note that Protestantism found its chief centres in the west, from Normandy to Gascony (except Brittany), and in the south, in the old country of the Albigenes. Compare the Bourbon lands in 15b with the Protestant districts shown in Fig. XIV. (4) The fourth period extends from the Wars of Religion to the French Revolution, and is the great age of absolute monarchy, with the reign of



FIG. XV.—PROVINCES OR GOVERNMENTS OF FRANCE BEFORE THE FRENCH REVOLUTION.

Louis XIV. as its central point. In Fig. XV. the provinces or governments of France during the seventeenth and eighteenth centuries and down to the French Revolution are shown. The chief feature of this age is the sounding off of the frontiers at the expense of Germany and Spain, especially on the north and south (15c and d). In 15c, the Bishoprics of Metz, Toul and Verdun are coloured as having been acquired by Louis XIV. because they were finally ceded by the Empire in 1648; but they had been held by France since their conquest by Henry II. in 1552. For the variations

of the N.E. frontier of France since 1648, *see* Plate 23c. For the Franco-German War, *see* Plate 52b.

Italy about 600 (Plate 16).—Mediaeval Italy began with the establishment of the Lombards in the 6th century. Failing to make themselves masters of the whole peninsula, they broke it into fragments, which were never re-united until the nineteenth century. The Lombard territories fall into two distinct blocks: (1) The *Kingdom* occupying the Po Valley and Tuscany; (2) the two great *Duchies* of Spoleto and Benevento in the south. These were separated by an irregular belt of territory extending diagonally across Italy from north to south, which until the coronation of Charlemagne recognised the superiority of the Emperor at Constantinople. This region was ruled (*a*) from Ravenna, where the representative of the Emperor held court as Exarch (hence the provincial name Exarchate), and (*b*) from Rome, where the authority of the Pope was steadily increased by the confusion. This territory (approximately) was made over to the Pope by Charlemagne on his conquest of Italy, and it roughly corresponds to the area of the Papal states down to the nineteenth century. The coastal regions controlled by Genoa, Venice, Naples and Amalfi, also recognised the nominal supremacy of the Emperor; while the southern extremities of the peninsula and the three great islands remained in the possession of the Emperor until they were conquered—the islands by the Saracens (c. 850), and Southern Italy by the Normans (1016–55).

Italy at different periods (Plate 17).—17*a* shows the beginnings of the Papal states, the extent of the overlordship intermittently exercised by the German kings from 962 onwards (coloured pink), the beginnings of the rise of Venice, and the chaos of S. Italy before the coming of the Normans, the dates of whose successive conquests are noted on the map; 17*b* illustrates the struggles between the Papacy and the Empire (Guelf and Ghibelline) in the twelfth and thirteenth centuries, and especially during the reign of Frederick II. (1215–50); the Lombard and Tuscan leagues as shown on the map are the leagues as they existed from 1226. 17*c* shows in some detail the most important part of Italy in the greatest age of its history, that of the Renaissance: and is intended also to illustrate the Wars of Italy, 1494–1544; *see* also Fig. XVI. The part of the Papal States outlined in blue was occupied by numerous independent princelets. It was here that Caesar Borgia and his father Alexander VI. laboured to create a consolidated state (1500–3). 17*d* and 17*e* trace the territorial expansion of the two most interesting Italian states in the fourteenth and fifteenth centuries. Note the comparative lateness of the expansion of Venice, which only began when powerful hostile states (especially the Duchy of Milan) threatened to control the passes through which her commerce reached Central Europe.

Italy and the Iberian Peninsula at different periods (Plate 18).—Note the crystallisation of Italy in this period into ten defined states, six of major and four of minor rank. Though there is a good deal of dynastic rearrangement during the period, there is little change in boundaries, until the great recast under Napoleon (*see* Plate 11). The chief point to note is the rise

INTRODUCTION

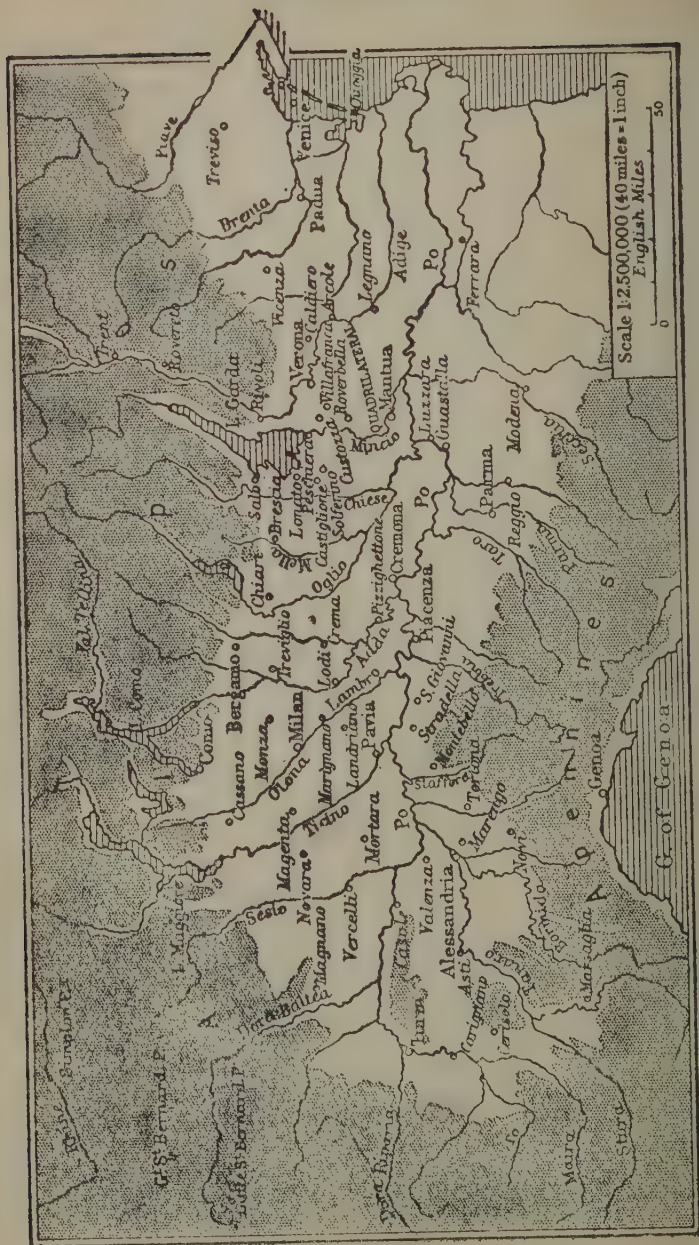


FIG. XVI.—BATTLEFIELDS OF NORTHERN ITALY.
The shaded area represents the land over 1,200 feet in elevation.

of Savoy and Piedmont to royal rank at the expense of the Bourbons, first as the kingdom of Sicily (1712-18), then as the kingdom of Sardinia. 18b shows the resettlement of Italy at the Treaty of Vienna, 1815. Note among the changes effected since the date of the previous map (1) the position of Austria, and (2) the growth of its future rival, Sardinia, at the expense of Lombardy and Genoa. The map also illustrates the unification of Italy, dates being given for the inclusion of each province. Much of the European warfare of the sixteenth, seventeenth, eighteenth, and nineteenth centuries was waged on the North Italian plain (Fig. XVI). These campaigns are invariably dominated by the outstanding physical feature of the region—the series of deep rivers which have to be crossed by any army advancing across the plain. The chief line of defence has always been at the point where the Alps advance furthest into the plain, and where the rivers Mincio and Adige, with the great fortresses of Verona, Legnano, Peschiera and Mantua, constitute a formidable obstacle, known in military annals as the Quadrilateral. 18 (c) and (d) illustrate the advance of the Christian states in Spain during the twelfth and thirteenth centuries, the age of crusading fervour in the Peninsula. Note in 18 (c) the County of Barcelona, representing the Spanish March of Charlemagne, and nominally part of the Kingdom of France until 1258. These maps should be compared with Plate 19, in order that the student may realize the way in which the great mountain barriers of Spain governed the advance of the Christian states.

The Iberian Peninsula at the time of the Peninsular War (Plate 19).—Illustrates more especially the periods of the Spanish Succession and Peninsular Wars. Note how the campaigns were determined by the direction of the river valleys and mountain ranges, and by the greater military roads, which are shown; also how the physical barriers in which the country abounds not only prevented effective co-operation between the various French armies and thus added to their difficulties, but accentuated the strong provincial sentiment of the various provinces of Spain. Note the magnificent strategic



FIG. XVII.—THE LINES OF TORRES VEDRAS.

position of the Torres Vedras lines, a vast natural fortress, commanding the best possible base for an Atlantic naval power, and also controlling the best roads into the heart of the peninsula, from which it was possible to threaten equally all the scattered French armies. For a more detailed study of Torres Vedras, *see* Fig. XVII.

The Netherlands (Plate 20).—With the exception of the County of Flanders, which belonged to the kingdom of France (*see* Plate 14), the Netherlands in the Middle Ages formed part of the kingdom of Germany and the duchy of lower Lotharingia (*see* Plate 22). When the Empire broke into independent fragments in the thirteenth century, the Netherlands became a bundle of disconnected duchies, counties and bishoprics, which are shown in the main inset (20c). They were first united under the princes of the House of Burgundy in the fifteenth century, and politically consolidated under Charles V. in the sixteenth. The main map is intended primarily to illustrate the great revolt of the second half of the sixteenth century which led to the independence of the seven northern, Protestant and Dutch states, and left the southern, Catholic states under the dominion of Spain. Note the Lands of the Generality, parts of the county of Flanders and the duchy of Brabant which were conquered by the United Provinces and administered as a dependency of the confederacy. The map also illustrates the steady aggression of France in this region during the seventeenth and eighteenth centuries, the acquisitions of France being indicated by a green band, and the continual campaigns which made this region the battle-ground of Europe, because it was the clash point of England, France, Spain, Holland and Germany. The last and greatest of these campaigns, that of Waterloo, is specially treated in 20b; for the actual battle *see* Fig. IX.

The Growth of Switzerland (Plate 21a): The Alpine Barrier (21b)—There are three main stages in the growth of the Swiss Confederation: (1) the formation of the original "Everlasting League" of the three Forest Cantons in 1291 against the Habsburgs; (2) the addition of the five neighbouring cantons, 1332-53 as a result of the military successes of the cantons against the Habsburgs; (3) the struggle with Charles of Burgundy, 1474-7, bringing about the addition of new members to the confederacy, and establishing the military reputation of the Swiss. The confederation also conquered various territories from time to time, and ruled them as subject states; while various neighbouring and kindred communities—the "Rhaetian Leagues" of the Grisons, the Bishopric of Basle, the confederate communities of the Valais, and the cantons of St. Gall and Neuchâtel—entered into alliances, more or less specific, with the Swiss Confederation as a whole, but without giving up their own independence.

The Alpine Barrier has so largely determined the political, military and ethnical relations of France and Germany with Italy, that it is important to grasp its conformation as a whole, and to realise the main routes and passes by which this barrier has been traversed by the armies of the successive invaders of Italy. While the map has been designed to illustrate all periods, the place names shown relate more especially to the Revolutionary and Napoleonic era, when (as in the time of Louis XIV) the struggle between

France and Germany waged concurrently across South Germany and North Italy, on each side of the barrier, which accordingly became in a large degree the governing factor in these campaigns.

Germany about 962 (Plate 22).—Shows the beginning of the kingdom of Germany and illustrates its political history down to the twelfth century. Note that the original Germany consisted of the valleys of the Weser, Ems, Rhine, Meuse, Moselle and Upper Danube. The Elbe, the Saale, and the Bohemian Forest constituted the boundary between the German lands and the Slavonic lands. East of this line a broad band of Marches or border States extended as far as the Oder, forming the beginning of the eastward expansion of Germany. Note the five great nation-duchies of Germany—Saxony, Franconia, Swabia, Bavaria, and Lotharingia—whose provincial spirit of independence formed the greatest obstacle to German unity down to the twelfth century.

Germany at different periods (Plate 23).—The history of Germany may be divided into four periods. (I) From the establishment of the Saxon dynasty (918) to the fall of the Hohenstauffen (1268) Germany was beyond rivalry the greatest state of Europe, forming the heart of the Holy Roman Empire, with Burgundy and Italy as its subsidiary members; it was also (despite the growing independence of the great feudatories and the long and embittered strife with the papacy) until about 1250 the best consolidated of European states. This period is illustrated by 23 (*a*), which shows Germany at the time of its greatest power, under the Hohenstauffen; but shows also the lands and claims of the great rival House of Welf or Guelf. During this period the advance of the Germans, at the expense of the Slavs, to the east of the Elbe should be noted. See also Plate 6. (II) The second period, 1272–1648, is one of increasing disintegration among numerous princely families, the Empire becoming more and more a mere name. This disintegration culminated in the Reformation and the wars which followed it, and was finally confirmed by the Treaties of Westphalia, 1648. It is illustrated by 23 (*b*), which shows the disorder existing on the eve of the Reformation; see also Plates 7 and 8. The period treated in 23 (*b*) is marked: (1) by the complete disorganisation of the kingdom of Burgundy, which (as such) disappears from the map; (2) by the rise of a number of important princely families: of these, the Houses of Habsburg (in Austria), Wettin (in Saxony), Wittelsbach (in Bavaria and the Palatinate), and Hohenzollern (in Brandenburg) continue as ruling Houses to-day; (3) by the rise of a vigorous anti-German feeling among the Slavonic states, which was shown in the Hussite Wars (1419–34), and in the new vigour and greatness of Poland; the wide lands of the Jagellon House of Poland, as 23 (*b*) shows, for a moment united the chief Slav states, and overshadowed Germany; (4) by the rise, within the Empire as well as in France, of the formidable House of Burgundy, which until 1477 threatened to establish a middle kingdom between France and Germany: observe that the two main blocks of Burgundian territory might be united either at the expense of France (Champagne) or at that of Germany (Lorraine); (5) by the establishment of the Swiss Confederation (see Plate 21 (*a*)); (6) by the power

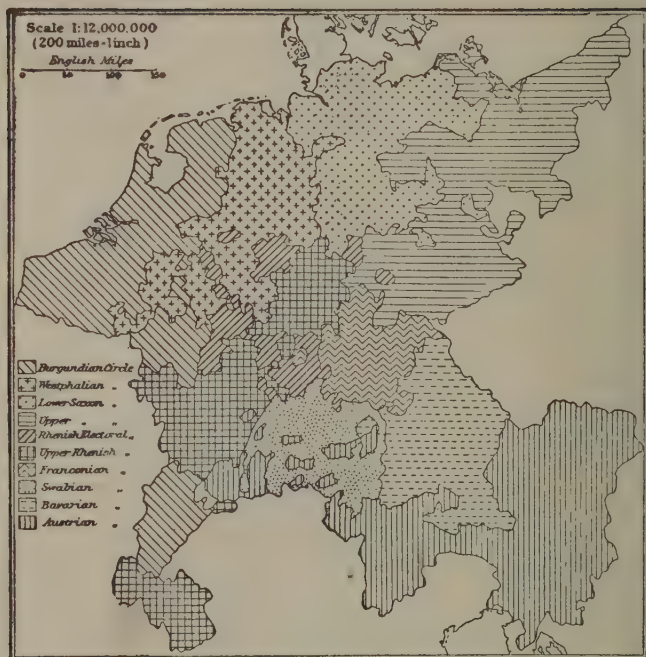


FIG. XVIII.—THE GERMAN CIRCLES IN THE 16TH CENTURY.

of the Hanseatic League, which was due to the inability of the Emperor to protect trade (see Fig. III); (7) by the conquest and conversion of the heathen Prussians, etc., not through any national German enterprise, but through the independent activity of the Teutonic knights (since 1230). The only serious attempt made to overcome the disorganisation of Germany was the grouping of the various states into "Circles," illustrated by Fig. XVIII. In 1439 and again in 1500 the states not ruled by the Emperor or any of the Electors were grouped for purposes of elections to the Diet into six circles. In 1512 the Electoral and Habsburg lands were formed into four additional circles. In 1521 each circle was provided with a Captain empowered to enforce the edicts of the imperial Diet and to organise the contingents to the imperial army. Such common action as the Empire was able to take between the Reformation and the Revolution was largely due to this system, but it was far from efficient.



FIG. XIX.—ERNESTINE AND ALBERTINE LANDS IN SAXONY.



FIG. XX.—CAMPAIGN OF GUSTAVUS ADOLPHUS.

The influence of the Reformation on Germany is illustrated by Fig. IV. (p. 11) and Plate 9. The German house which played the chief part in the early stages of the Reformation was the Saxon house of Wettin: the dispute between its two branches forms one of the main episodes of the struggle, and is illustrated in Fig. XIX. The most striking episode in the terrible Thirty Years' War, the intervention of Gustavus Adolphus of Sweden, is illustrated by Fig. XX (see p. 27), which shows the course of his brilliant campaign. During this period of disunion, Germany became the scene of the rivalries of the chief European states, especially the rivalry between France and

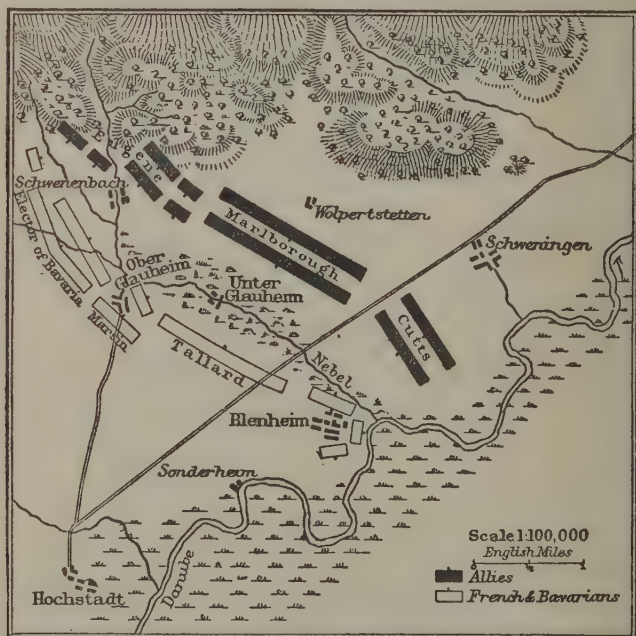


FIG. XXI.—THE BATTLE OF BLENHEIM, AUGUST 13, 1704.

the House of Austria (1519–1756). A principal field of this rivalry was Southern Germany, which lay between these two powers, and which was perhaps the most disorganised part of the country. 23 (c) shows this region in some detail, omitting the complicated political boundaries, in order to illustrate the frequent warfare both of this and of the succeeding periods. (III) The third period (1648–1806), while still one of disorganisation, is marked by the rivalry of two great German powers, Prussia and Austria, the former of which rapidly rises to the first rank among European powers. This period is illustrated by Plates 24 and 25a. It is also a period of constant warfare with France, in studying which, 23 (c) will be found

useful. For the Battle of Blenheim *see* Fig. XXI. The period closes with the Napoleonic re-organisation of Germany, for which *see* Plate 11 and Figs. X, XI, XII, which trace the process in some detail. For the Battles of Austerlitz and Jena, *see* Figs. VI. and VII. (p. 13); for the Battles of Leipzig and Waterloo, Figs. VIII. and IX. (p. 14). (IV) The fourth period, from 1806, is especially concerned with the re-establishment of German unity under the leadership of Prussia, Austria being excluded. 23 (*d*) shows the short-lived "German Confederation," invented by the statesmen of 1815 to replace the dissolved Holy Roman Empire, but chiefly useful to Austria as a means of checking the nationalist movement. Note the total disappearance of ecclesiastical states. The way in which tariffs were used to forward the process of consolidation of Germany is illustrated by the map of the growth of the Zollverein, Plate 51*d*. The Franco-German War, which consummated the process of unification, and in which Germany took vengeance for the long centuries during which France had profited by her disunity, is illustrated by Plate 52*b*, which shows the whole field of war.

Growth of Prussia (Plate 24).—*See* note on Plate 23.—The maps on this plate, besides showing the growth of Prussia, which has been the chief feature of the history of Germany since 1648, serve also to illustrate the wars and treaties of the seventeenth, eighteenth and nineteenth centuries, especially those associated with Louis XIV. and the Great Elector, with Frederick the Great, with Napoleon, and with Bismarck. Napoleon's high-handed treatment of Prussia, after the Battle of Jena, breaks the history of Prussian expansion into two clearly marked periods. The first period extends from 1415, when the House of Hohenzollern was first planted in the Mark of Brandenburg; the chief landmarks of this period are the consolidating work of the Great Elector (1640–88), the wars and conquests of Frederick the Great (1740–86), and the partitions of Poland (1772–93–95). Thanks to these partitions, Prussia seemed likely, at the moment of its overthrow by Napoleon, to become, like the Habsburg Empire, a predominantly Slavonic rather than a German state. In 1815 it was compensated for the loss of the bulk of its Polish lands by solid acquisitions in Western Germany, which before the French Revolution had been largely occupied by ecclesiastical states. It thus became the greatest of purely German powers and the chief hope of German unity; and the way was prepared for the work of Bismarck. For the Battle of Jena, *see* Fig. VII. (p. 13.).

Growth of the Habsburg Dominions (Plate 25*a*).—The Habsburg House, which since 1519, and in a less degree since 1272, has played a leading part in European affairs, built up its vast and heterogeneous empire mainly by means of a succession of fortunate marriages and a persistent and *rusé* diplomacy, of which it is impossible to give any account here; their results are recorded in the map. Note the wide territories held at one time or another by this family and subsequently lost; especially the loss of German lands. The Austrian house held the Imperial crown continuously from 1438 till the abolition of the Holy Roman Empire in 1806 (except in the

years 1742-5), and the Presidency of the Germanic Confederation from 1815 till 1866, and was thus throughout this period the dominant power in Germany. But it has never been, at any rate since the sixteenth century, a purely German power, and, occupied chiefly with its non-German lands, was never able to obtain the real leadership of Germany. After 1526 (when Bohemia, Hungary, etc., were acquired) only a part of its territories lay even within the limits of the Empire (*see* **Plates 8, 9, and 10**) or of the German Confederation (*see* **Plates 12 and 23d**); even of these Bohemia, Moravia, Styria and (in part) Carinthia were Slavonic in race, speech and sentiment, while Austria itself was not part of the original Germany (*see* **Plate 22**), but though thoroughly Germanised, was like Brandenburg, a *mark* or border-province, originally Slavonic. Outside the limits of the Empire the Habsburg territories have always been occupied by a strange mixture of races, all acutely conscious of their racial distinctions and attached to their distinctive institutions: Hungarians, Slovaks, Ruthenians, Croats, Rumanians, Servians, etc. The geographical distribution of these races is shown in **Fig. XXII**. Since the middle of the eighteenth century the whole tendency of this divided monarchy has been towards expansion in the non-German regions. The Austro-Hungarian Empire, therefore, is not and has never been a nation-state, like the other great regions previously dealt with; it is an area occupied by fragments of almost all the races that have peopled Europe, held together only by common subjection to a ruling House. Consequently, the Habsburg House has been the foe of all nationalist movements, especially in Germany; while its geographical position has involved it in all the international contests of the last four centuries. This absence of any national basis is the clue to its political history since the sixteenth century. For the Battle of Austerlitz, *see* **Fig. VI**.

Growth of the Ottoman Empire (Plate 25b).—The Ottoman Empire, like the Habsburg Empire, is not a nation-state, but is the empire of a small and warlike tribe, whose armies even were largely manned from among its subjects. Its power, therefore, has at all times depended upon the vigour of its rulers. Observe that the great Empire shown on the map is mainly the work of three princes: Mohammed II., Selim II. and Solyman the Magnificent. The rapidity with which the Empire was acquired was due to the division of the territory affected among a medley of hostile and ill-organised tribes, and as the Empire lacked all the elements of unity, it could have no permanence; but for the jealousies of the European powers, it must have broken up much earlier. For the first stages in the decay of the Ottoman Empire *see* **Plate 26**; for the later stages of the process *see* **Plate 28**. For the earlier history of the Balkan Peninsula and the Asiatic lands *see* the General Maps of Europe and **Plate 29**. The racial distribution of European Turkey is shown in **Fig. XXII**.

Middle Eastern Europe (Plate 26).—This pair of maps illustrates the most remarkable series of territorial changes which have taken place in Europe in modern times; changes which, despite the rapidity and high-handedness with which they were accomplished, have been, in their main features,

permanent. In 26 (a), three great states, Sweden, Poland and Turkey, are seen stretching across Europe from north to south. They shut out Russia from all contact with the sea or with the Western European powers; while Prussia is a minor and divided state, seemingly at the mercy of Poland and Sweden, and Austria controls only a small territory, gravely



FIG. XXII.—THE RACES OF SOUTH EASTERN EUROPE.

threatened by Turkey. In 26 (b), 130 years later, one of these three great states, Poland, has vanished altogether, the stages of its partition being marked by red lines (with dates) on the map; Sweden has lost most of its Baltic lands to Russia and is soon (1809) to lose Finland also; it has also lost part of its German Territory to Prussia; Turkey has lost its northern Black Sea lands to Russia, and the whole of Hungary to Austria.

The three powers, Russia, Prussia, and Austria, now almost divide Eastern Europe between them. The maps also illustrate the campaigns in Eastern Europe from 1650 to 1800.

The Growth of Russia in Europe (Plate 27).—The vast plain of Russia, intersected by numerous navigable rivers, and separated from Asia only by the easily traversed range of the Urals (*see* 27*c*), remained subject to tribal movements from Asia long after Western Europe had settled down into something like its modern condition. Russia as such began its existence with the conquests of the Varangian Northmen from 862. Their principal centres, successively dominant, were Novgorod and Kief. The Russian lands, however, broke into numerous warring states during the eleventh and twelfth centuries, and consequently fell victims during the twelfth and thirteenth centuries (*a*) to the Lithuanians and Poles on the west, who conquered many Russian lands, and (*b*) to the Golden Horde of Tartars (*cf.* Plate 59) on the east (1224–40), to whom the states which occupied the modern Great Russia were forced to pay tribute until the fifteenth century. Among the states thus subjected Moscow gradually took the first place, giving the name of Muscovy to the slowly growing Russian power. Under Ivan the Great (1462–1505), the Tartar yoke was thrown off, and the amazingly rapid territorial expansion of Russia began. During the sixteenth century it was extended over Asia as far as the Pacific (*see* Plate 63). This vast state as yet, however, played little part in the politics of Europe, being shut out from contact both with the western states and the sea by the territories of Sweden, Poland and the Ottoman Turks (*cf.* Plate 26*a*). With the accession of Peter the Great, 1682, a new period began, which covers the whole of the eighteenth century. Its main feature is expansion at the expense of these three states. During the nineteenth century the ambitions of Russia in the direction of Turkey have been checked by the jealousies of the Western States, especially in the Crimean War, the area of which is shown in Maps *b* and *c*, and at the Congress of Berlin (*see* Plate 28). Its actual territorial expansion during this age has been wholly in the south and east, and is illustrated by Plate 63.

The Balkan Peninsula (Plate 28).—The mountainous character of the Peninsula, as well as its accessibility to invaders coming from the plains N. and N.E. of the Black Sea, have brought it about that this area, like that of the Austrian Empire to the north, is filled by a medley of races. Though the Goths, after crossing the Danube, made no permanent settlement, but passed on to Italy and the West (*see* note on Plate 2) later barbarian invaders took their place, the Slavs (Servians, etc.) coming from the N.W. in the sixth century, the Bulgarians from the N.E. in the seventh century. The Latin speaking Provincials (Rumanians) were thus pressed northwards into Wallachia, Moldavia and Transylvania, while the Greeks occupied the southern coast. The extent of territory at various times occupied by Slavs and Bulgarians is shown in the inset Map (28*a*). When the Ottoman Turks overran the bulk of the peninsula in the fourteenth century (*cf.* Plate 25*b*), being few in number they did not succeed in obliterating these racial distinctions, for which *see* Fig. XXII. The Rumanian principalities always retained a degree of independence. But the decay of the Ottoman

power in the seventeenth and eighteenth centuries did not produce any effective movement of independence in these regions ; and it was not until, in the nineteenth century, the diplomatic and military aggression of Russia encouraged the growth of nationalist sentiment among Rumanians, Greeks, Servians and Bulgarians that the actual break-up of European Turkey began. The main map is intended to illustrate the stages in this process, and in particular to bring out (a) the settlement proposed by Russia after her victory in the Russo-Turkish War, (b) the modifications demanded by the Western powers in the Treaty of Berlin.

The Crusades (Plate 29).—This plate is primarily intended to illustrate the later crusades (for the First Crusade *see* Plate 6), but also serves to illustrate the history of the Eastern Empire in the twelfth, thirteenth and fourteenth centuries. 29 (b) shows the break-up of the Eastern Empire as a result of the Fourth Crusade, and the establishment of a number of petty Latin states on its ruins. In 29 (c), which serves to illustrate the fighting in Syria, note the limits of the territory secured by Frederick II. by treaty in 1229, when he was under papal excommunication. He, in fact, achieved more than any of his predecessors since the First Crusade.

SECTION III.—THE BRITISH ISLES. PLATES 30-45.

Roman Britain (Plate 30).—This map illustrates not only the Roman occupation, but the influence of physical features upon early English history. Not only the mountains but the forests and marshes exercised a profound influence, breaking up the country into isolated fragments. Observe the skill with which the Roman roads overcame these obstacles, and in some degree welded the country together. Note the relation of the northern roads to the Great Wall and the defence of the northern frontier. Note also that London, though never an administrative centre under the Romans, is nevertheless the point from which all roads radiate. From the ports on the Kentish shore through which contact with the rest of the Empire was maintained, roads must run to all parts of the province ; but the dense *Anderida silva* on the left, and the marshy estuary of the Thames on the right, forced the roads to converge on the lowest convenient crossing-point over the Thames. At the centre of the road-system, with the best navigable river to bring down the products of the inland regions to her markets, and with a safe harbour which looked out towards the Continent but was at the same time far more secure from marauders than the shore-ports, London was from the beginning destined to be the capital of England. The later road-system of England, and the railway system which succeeded it, equally radiated from London. For the main roads of England before the road-building activity which set in with the Industrial Revolution, *see* Fig. XXIII. The student should compare this later road system with the Roman system which formed its foundation.

INTRODUCTION

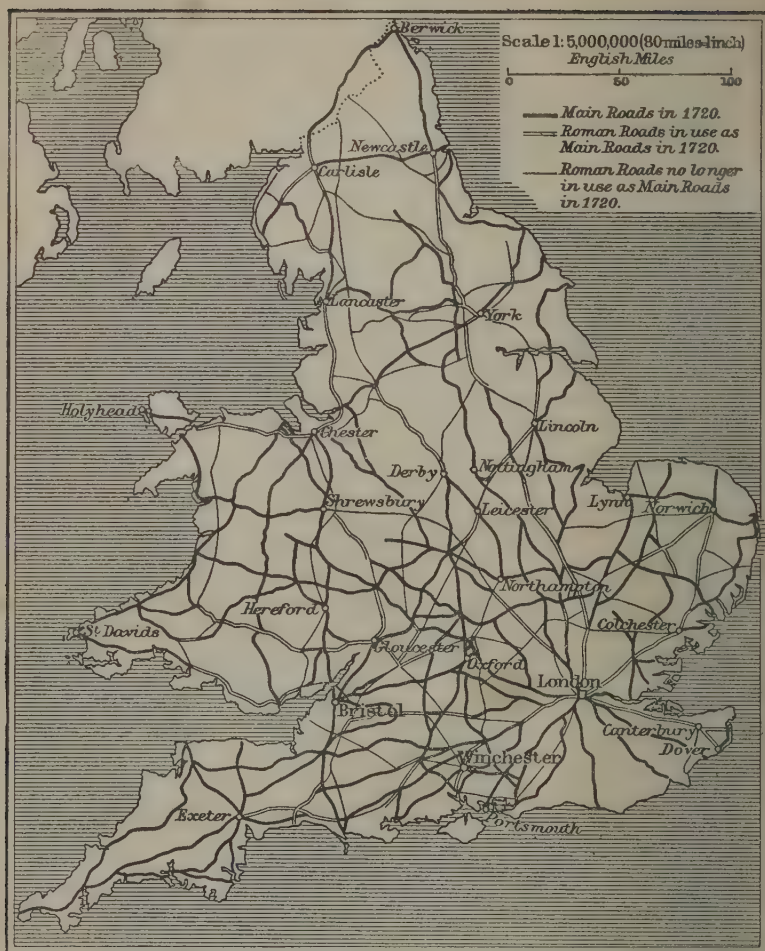


FIG. XXIII.—ENGLISH MAIN ROADS BEFORE THE INDUSTRIAL REVOLUTION.

The British Isles and their Teutonic Invaders (Plate 31).—This map is intended as a supplement to the last, bringing out the build of the British Isles as a whole, in relation to the neighbouring parts of the Continent. The sea-depths indicate the way in which these islands were once connected with the Continent. Note how the lower lands, penetrated by navigable rivers, face, and invite invasion from, the opposite shores of the Continent. The main lines of the two great periods of Teutonic invasion (*a*) in the fifth and sixth and (*b*) in the ninth and tenth centuries are roughly indicated. This map should be compared with Plate 33.

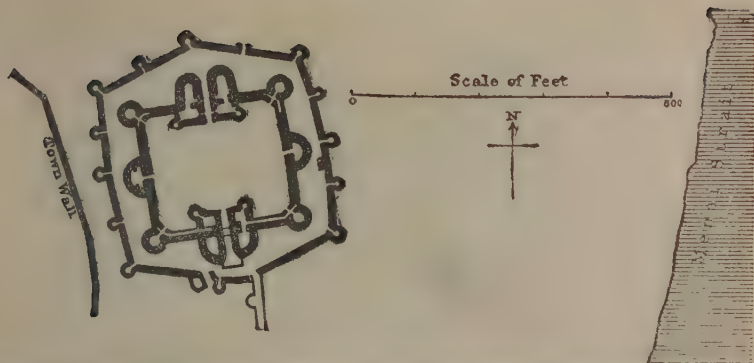


FIG. XXIV.—A CONCENTRIC CASTLE OF THE THIRTEENTH CENTURY (BEAUMARIS).

Political Development of England before the Norman Conquest (Plate 32).—These maps, especially 32 (a), should be read in conjunction with Plate 30, in order that the student may realise how the course of the English conquest, and the divisions among the conquering tribes, were determined by the physical features. Observe the extreme slowless of the conquest as shown in 32 (a). It was probably only in the first stage that there was any complete displacement of the earlier Celto-Iberian population. Note the remarkable permanence of the divisions between Wessex, Mercia, etc., which survive down to the Norman Conquest, and which only a crushing force could obliterate.

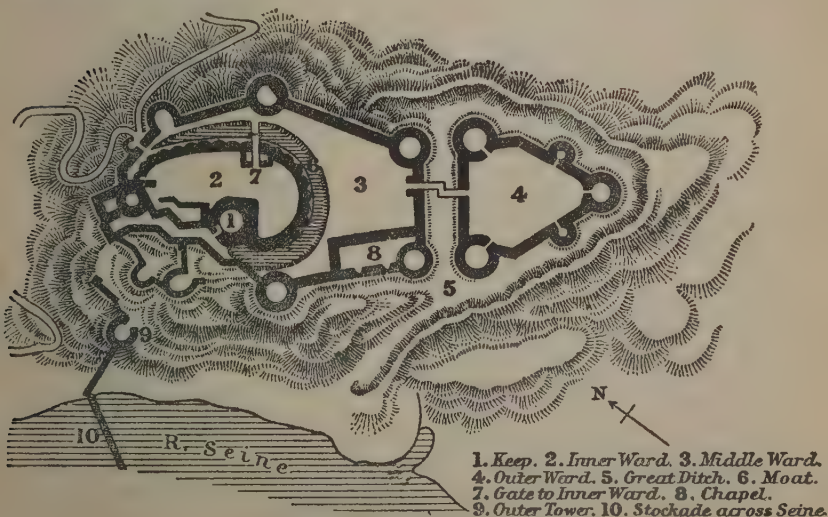


FIG. XXV.—CHATEAU GAILLARD.

The British Isles and their Invaders in the Eleventh Century (Plate 33).—This plate is intended to illustrate the Empire of Canute, and in general the political relationships of the eleventh century, when after long isolation England was brought once again and finally into the European comity, through the enterprise of the all-pervading Northmen, first as a part of the Empire of Canute, later by the Norman Conquest. This is the century in which the restless and adventurous spirit of the Northmen achieved its greatest results ; (*cf.* note on Plate 6 above).

Mediaeval England and Wales (Plate 34).—This plate illustrates the general history of England from the Norman Conquest to the end of the Fifteenth Century. It shows (1) the chief battlefields, (2) the principal castles, (3) the boroughs which returned members to fourteenth-century Parliaments. The distribution of these gives some idea of the relative population of different parts of the country. In Wales, where there was a state of almost unceasing war, and no fixed county organisation, the boundaries given are only approximate, showing the area generally held by the Lords Marcher during the twelfth and thirteenth centuries. For a more detailed treatment of Wales in the thirteenth century *see* Plate 36c. The territory coloured pink in the map was under the normal administration of the sheriffs and the king's courts ; all territory otherwise coloured was under special feudal jurisdiction. These special jurisdictions were all on the frontiers of Wales and Scotland, (*a*) the Palatinate of Chester with the Welsh Marcher Lordships ; (*b*) the Palatinate of Durham with the Northumbrian franchises of Hexhamshire (Archbishop of York), Tynedale (King of Scots), and Redesdale (D'Umfraville). Though the Palatinate of Chester was controlled by the crown from the time of Edward I, it, as well as the palatine bishopric of Durham, retained its distinct palatine organisation throughout the period ; and neither the palatine counties nor their capital cities returned members to Parliament until 1543 (Chester) and 1672 (Durham). The Palatinate of Lancaster was a later and artificial creation in honour of John of Gaunt, not necessitated by frontier defence. It had its distinct system of courts, but as the county and its boroughs had returned members to Parliament before the Palatinate was created, they continued to do so.

Under the conditions of mediaeval warfare the course of campaigns was mainly determined by the castles and walled towns, and many of the wars between the crown and the barons resolve themselves simply into a succession of sieges. In order to illustrate the methods of mediaeval military architecture at their best, plans are shown of a castle of the "concentric" type of the late thirteenth century (Fig. XXIV), and of Richard I.'s elaborate and magnificent frontier fortress of Chateau Gaillard in Normandy (Fig. XXV) ; while Fig. XXVIII (p. 39) shows, in Chester, an excellent example of one of the more important fortified towns with its castle. Chester occupied a position of great strategic value, commanding the bridge over the Dee and the main line of advance into North Wales. Note the relation of the mediaeval town to its Roman predecessor. The inset map to Plate 34 treats mediaeval London and its system of defences in some detail. For the strategic position of London *see* note on Plate 31.

Permanent Pasture.

Green Commons

Lammas Meadows.

Rotation of Crops

The allocation of the fields for the 3 main crops in a given year is shown thus:

Tilth Grain

Etch Grain

Fallow

The Messuage and 30 scattered Acres of a Typical Virgate or Yardland are shown thus



FIG. XXVI.—AN ENGLISH VILLAGE COMMUNITY.

This diagram is intended to illustrate the organisation of the mediaeval village community, the ultimate basis of the whole social structure. The map is based upon those given in Seeböhm's *English Village Community*, and shows (a) the system of open-field husbandry with its three main fields, (b) the way in which the holding of a normal villager was distributed over the whole area of the township, and (c) the normal rotation of crops which was carried out under the three field system. This system of agriculture decayed very slowly. For the extent to which it survived in England in the eighteenth century, see Fig. XXXIX. (p. 47).



FIG. XXVII.—A MEDIAEVAL WALLED TOWN IN RELATION TO ITS FIELDS (LEICESTER).

Except in the case of London the numerous little self-governing boroughs which grew up in England during the twelfth, thirteenth and fourteenth centuries were essentially village communities, upon which were superimposed (*a*) a modest trade centre and (*b*) some organisation for defence. Most of the burghers continued to be tillers of the soil with holdings which were, until a late date, still worked on the open-field system. This intimate relation between the burghal organisation and the village organisation is brought out in the above plan (Fig. XXVII.), which shows the relation of the small fortified enclosure of Leicester to its surrounding fields.



FIG. XXVIII.—A MEDIAEVAL WALLED TOWN WITH CASTLE, ON BASIS OF ROMAN FORT (CHESTER).

study of the English Conquest of Ireland, see Plate 41.

England in France, and the English Borders (Plate 36).—This plate is intended to illustrate the wars between England and her neighbours in the thirteenth, fourteenth and fifteenth centuries—the age in which an almost continuous series of foreign adventures occupied the attention of English kings, and materially affected the internal development of the country.

The principal battles of this age of war are shown in Figs. XXIX–XXXII—Bannockburn, Fig. XXIX; Cressy, Fig. XXX; Poitiers, Fig. XXXI; Agincourt, Fig. XXXII.

The Angevin Empire of Henry II. and Richard I. (Plate 35).—The exact limits of Henry II.'s supremacy in France are not easy to determine. Many of the great barons of Aquitaine, and especially of its eastern regions, were never effectively brought into obedience, and recognised or repudiated the Angevin supremacy as it suited their convenience. For the loss of the French possessions of Henry II. see Plates 15 and 36a. In Ireland, the area coloured dark pink is an approximate indication of the extent of territory brought under the control of the English conquerors by the end of the twelfth century. For more detailed

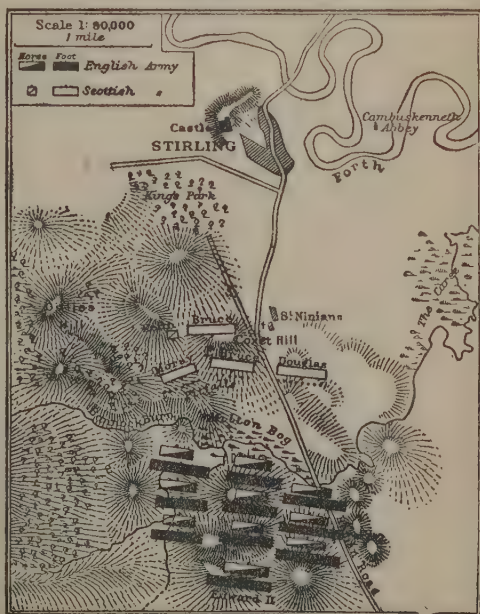


FIG. XXIX.—THE BATTLE OF BANNOCKBURN, JUNE 25, 1314.

MEDIAEVAL BRITISH BATTLES.—II-IV.



FIG. XXX.—THE BATTLE OF CRESSY, AUGUST 26, 1346.



FIG. XXXI.—THE BATTLE OF POITIERS, SEPTEMBER 19, 1356.



FIG. XXXII.—THE BATTLE OF AGINCOURT, OCTOBER 25, 1415.

36 (a) illustrates not only the first stage of the Hundred Years' War, but the French wars of Henry III. and Edward I. The provisions of the Treaty of Paris, 1259, between Henry III. and Louis IX., are specially indicated. The failure of Philip IV. of France loyally to observe this treaty maintained a constant state of friction between England and France. 36b illustrates the War in France under Henry V. and Henry VI., the moment chosen being that of the widest extent of the English power, just before the appearance and victories of Joan of Arc. As this stage of the Hundred Years' War essentially consists in the intervention of England in the civil war between Burgundians and Armagnacs, it is important to observe the territories held by the Burgundian House and their influence upon the course of the war. For the later growth of the Burgundian territories see Plate 23b. 36 (c) shows the principal castles in Wales and the Marches, and illustrates the important part played by this region in the Wars of the Barons, as well as Edward I.'s conquest of North Wales and his organisation of shires. Note the wide extension of the power of Llewellyn under the terms of the Treaty of Shrewsbury, 1267. This striking revival of the native Welsh power at the expense of the Lords Marcher was mainly due to the fact that these lords were devoting their strength to the baronial struggle against Henry III.—a struggle which Llewellyn used very skilfully for his own purposes. 36 (d) illustrates more especially the War of Scottish independence, but also the whole course of the border struggle between the two nations during the mediæval period. For the earlier history of Scotland see Plate 39.

Ecclesiastical England to the time of Henry VIII. (Plate 37).—This map shows the ecclesiastical division of England during the later middle ages and down to the time of Henry VIII., whose new bishoprics are indicated. The inset shows roughly the boundaries of the bishoprics during the heptarchic period. These boundaries generally correspond to those of petty kingdoms. In addition to the dioceses, the main purpose of the map is to give a general impression of the number and geographical distribution of the *monasteries* on the eve of the Reformation. These fall into three classes, each indicated by a different symbol: (1) the *parliamentary* abbeys whose abbots sat in the House of Lords; these varied in number; only the 26 whose abbots

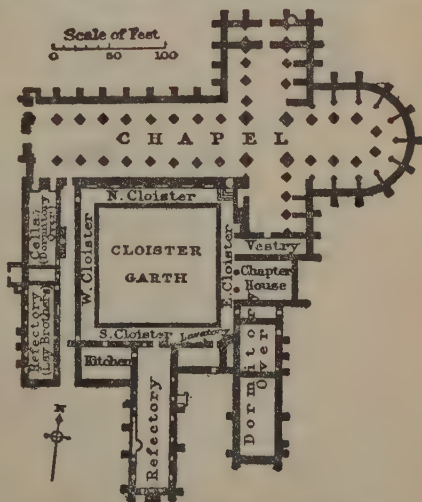


FIG. XXXIII.—MONASTIC BUILDINGS
(BEAULIEU ABBEY).

were regularly summoned to the parliaments of the fifteenth century are shown; (2) the *greater* monasteries suppressed in 1539; most of these, and a few of (3) the *lesser* monasteries which are for one reason or another of special interest, are named. No attempt is made to indicate the orders to which the various houses belonged. The figures after the names of certain towns indicate that in these towns there were several monastic houses, including the Friaries, whose work was concentrated in the towns. The life of the monasteries being determined largely by the physical arrangement of their buildings, a plan of a typical monastery (Beaulieu Abbey, Hampshire) is shown in Fig. XXXIII.

England during the Civil War (Plate 38).—This plate endeavours to bring out the main features of the course of the Civil War: it is believed



FIG. XXXIV.—CAMPAIGN OF MARSTON MOOR.

that every battle, skirmish or siege of any importance has been shown. The first map shows the results of the campaign of 1643. The King entered upon the campaign in command of the areas coloured pink and purple, the Parliament in command of those coloured blue and buff. The King's acquisitions during the year (buff) were of much greater extent than those of the Parliament (purple) and gave him command particularly of the whole

BATTLES OF THE CIVIL WAR.—I-II.



FIG. XXXV.—THE BATTLE OF MARSTON MOOR, JULY 2, 1644.

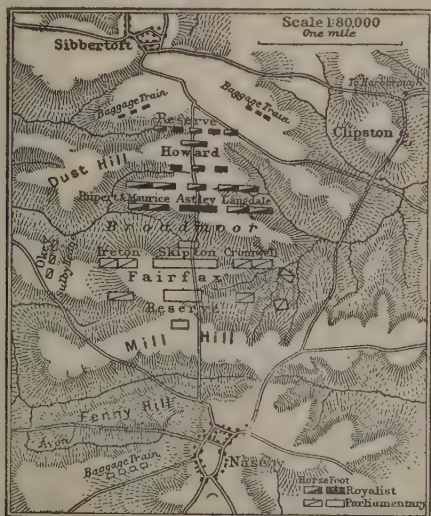


FIG. XXXVI.—THE BATTLE OF NASEBY, JUNE 14, 1645.

BATTLES OF THE CIVIL WAR.—III-IV.

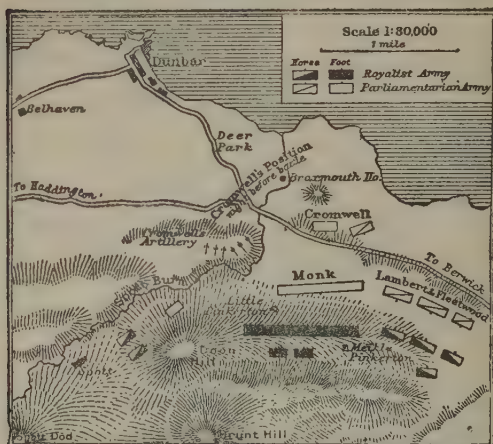


FIG. XXXVII.—THE BATTLE OF DUNBAR, SEPTEMBER 3, 1650.

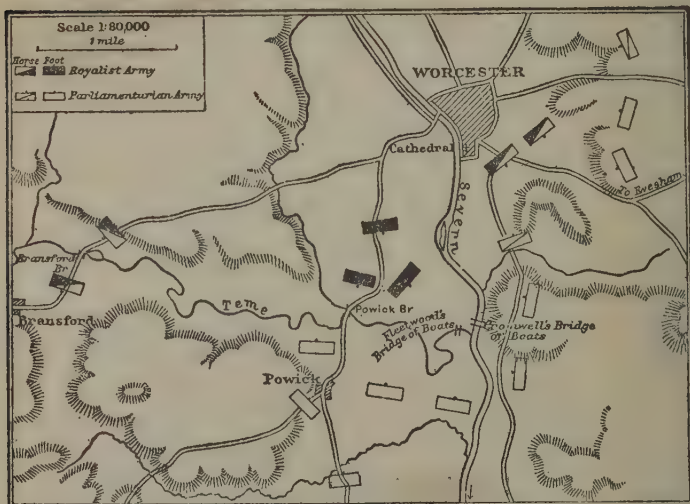


FIG. XXXVIII.—THE BATTLE OF WORCESTER, SEPTEMBER 3, 1651.

of the south-west. But the Parliamentary conquests, though small, were so disposed as to run a wedge through the King's territories, breaking them into two blocks and especially interrupting his control of the west coast and of the route from Ireland by Cheshire. The results of the second campaign, 1644, are shown by the contrast between the first and the second map. The chief feature is that the King (by the Marston Moor campaign, *see* Figs. XXXIV and XXXV) lost the whole of the north, which had in 1643 been isolated from his southern territories. Only isolated castles and towns like Carlisle and Lathom now stood out for the King, and it only remained for the Parliament to deal with the southern area. This was the work of the third campaign, 1645; wherein, as the second map shows, the Parliamentary armies (besides beating the main royalist force at Naseby, *see* Fig. XXXVI) drove a wedge once more through the King's territories, and left him helpless, master only of two isolated and poor areas in N. Wales and the extreme south-west. The course of the second Civil War and of the Scottish invasion which ended at Worcester (*see* Fig. XXXVIII), may also be followed on the second map. For Montrose's campaigns in Scotland *see* Plate 40*a*; for the war in Ireland, Plate 42*a*; for the battle of Dunbar, Fig. XXXVII.

Scotland in the Eleventh Century (Plate 39).—This plate shows the diverse elements out of which the Kingdom of Scotland was welded in the eleventh and following centuries and the physical features by which these divisions were determined. The separate states thus united were: (1) Alban, (2) Moray, (3) Argyll, or Scotland proper, (4) the Norse supremacy over Sutherland and the Isles, (5) the British kingdom of Strathclyde (with Galloway), and (6) the Northumbrian region of Lothian. The student should observe how the confused mountain system of Scotland made conquest difficult, and encouraged the survival to a late date of the practical independence of the clans in the Highland valleys and in the "dales" of the southern upland near the English border. Plate 39 shows the regional names of Scotland, such as Kyle, Badenoch, Buchan, to which literary and historical references are frequent. These should be compared with the locations of clans and families shown in Plate 40*a* and the modern counties shown in 40*b*. For the relations between England and Scotland in the Middle Ages, *see* Plate 36*d*.

The Modern History of Scotland (Plate 40).—These two maps are intended to illustrate Scottish history from the Reformation to the present day. They should be used in conjunction with Plate 39. The first map illustrates the Reformation period, the troubles of Mary Queen of Scots, the part played by Scotland in the Puritan Revolution, and the campaigns of Montrose and Cromwell. For the battle of Dunbar *see* Fig. XXXVII. Note the organisation of the border country into three Marches. This arrangement, which was balanced by a corresponding arrangement on the English side of the Border, belongs to the sixteenth century, and was designed to check the traditional turbulence of this region. Each march had its own captain with special jurisdiction. The Highland line, shown in this map, was the clearly recognised line of division between the

Celtic region where the authority of the clan chieftain held sway and the English region which more effectively accepted the royal authority. The second map illustrates the Persecution and the risings in the time of the later Stuarts, the Revolution, the Jacobite rebellions, and the general development of modern Scotland.

Early Ireland (Plate 41).—The physical conformation of Ireland is roughly that of a saucer, a rim of mountainous land surrounding a central plain, which is, however, much broken by deep and sluggish rivers, and by numerous bogs and moors (*see inset*). The map shows the distribution of the main clans in the twelfth century, on the eve of the English conquest, and the regional names (such as Ossory, Desmond, etc.) to which reference is made in its history. Alongside of its tribal organisation the main feature of early Irish society was the wide distribution of what may be called monastic colonies, in which the Abbot may be said to have played a part corresponding to that of the chief in the tribal settlements. The map attempts to indicate the number and distribution of these settlements, which were the centres of the remarkable intellectual activity of early Ireland. The only true towns in pre-English Ireland were the Danish colonies on the eastern and southern coasts.

Mediaeval and Modern Ireland (Plate 42).—During the thirteenth century the English power promised to consolidate Ireland on a feudal basis, but after the invasion of Edward Bruce (1315) the English power collapsed, and down to the reign of Henry VIII. was practically confined to the Pale, shown in the first map on this plate. During this period the Norman lords in the rest of the island rapidly assimilated themselves to their Celtic neighbours. The first map on this plate is intended especially to illustrate this period, and shows the distribution of the chief Norman houses and Celtic clans. The second map illustrates the ferocious wars of the Tudors, by whom the conquest was really effected, the course of the Civil War and of the war of the Revolution, and the distresses of the eighteenth and nineteenth centuries. The resettlement of the land system which was carried out by the Tudors and early Stuarts is shown in the first inset (42*b*); the wholesale confiscation proposed and partly carried out by Cromwell is shown in the second inset (42*b*). Finally, the boundary between the new Irish Free State and Northern Ireland, according to the "Government of Ireland Act, 1920" (ratified in 1922), is shown on Map 42*c*.

The United Kingdom—Parliamentary Representation (Plate 43).—Shows the system of parliamentary representation existing before 1832. The very full references on the plate, which should be carefully read (note the total number of members returned by each county) render detailed comment unnecessary. But the student should note the areas where names, i.e. constituencies, are most abundant. To some extent the counties most largely represented, e.g. Wiltshire (centre of the woollen trade) were the most populous. In other cases (e.g. Cornwall) this was not so. In England those boroughs which were disfranchised by the Reform Act of 1832 are indicated by the use of very small type. These boroughs were therefore all "rotten boroughs," and the student should thus be able to determine whether any particular borough was "rotten" or not. It has not been

found possible to indicate the "pocket" boroughs, i.e. those in which, though they might be important towns, the franchise was exercised upon such a system as to render easy the exercise of control by a patron. It should be remembered that the franchise in boroughs varied infinitely, in accordance with local custom.

England and the Industrial Revolution (Plate 44).—This plate illustrates the effects of the Industrial Revolution in regard to distribution of population, the rise of large towns on the coalfield areas, and the localisation of industries. In 44*a* only those parts of the coalfields are shown which were actually worked. A number of towns which were important as market towns, are shown in 44*a*; but there are only six towns shown on 44*a* which would be qualified to be shown at all on 44*b*, where no town of less than 10,000 is figured. The method of colouring for population which has been adopted is based upon the population of counties as a whole, and therefore does not bring out with precision the main centres of population in either map. But it is only on the basis of counties that any trustworthy estimates for 1701 could be obtained. Apart from London, the most populous area in 1701 was the Wiltshire woollen region; and next to it those of Yorkshire and Norfolk. In 44*b* the student should note the extraordinary aggregation of large towns in five small areas: (1) the neighbourhood of London, (2) S. Lancashire and S.W. Yorkshire, (3) S. Northumberland and Durham, (4) the W. Midlands, and (5) Glamorgan and Monmouth. Each of these forms almost a single urban area, and all, with the exception of London, are on coalfields. The main facts of the Agrarian Revolution of the eighteenth century, so far as they can be indicated by a map, are illustrated in Fig. XXXIX., which shows the part of England still largely cultivated on the open-field system at the beginning of the eighteenth century. This area had been practically entirely enclosed before 1801. The enclosure of open-fields (i.e. arable) must be distinguished from the enclosure of commons or wastes, which went on concurrently, but which it has not been found practicable to illustrate.

For the organisation of a township cultivated on the open-field system, see Figs. XXVI and XXVII. For the road-system of England before the great development in the second half of the eighteenth century, see Fig. XXIII.



FIG. XXXIX.—ENCLOSURES IN ENGLAND IN THE EIGHTEENTH CENTURY.

The area shaded vertically was mainly or largely cultivated on the open-field system in 1700; the area shaded horizontally was partially and sporadically cultivated on this system.

INTRODUCTION

NELSON'S BATTLES.—I-II.



FIG. XL.—THE BATTLE OF THE NILE, AUGUST 1, 1798.

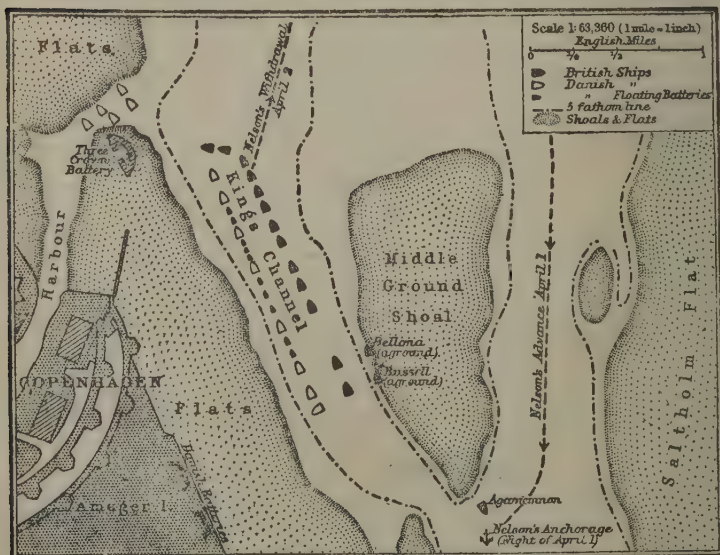


FIG. XLI.—THE BATTLE OF COPENHAGEN, APRIL 2, 1801.

The Narrow Seas and the North Atlantic (Plate 45).—The first of these maps brings out the narrow and winding channel which separates England from the Continent and which has been, from the beginning of history down to the nineteenth century, the scene of innumerable naval conflicts, because it forms the gateway from northern to southern Europe. These waters were especially the scene of conflict during the sixteenth, seventeenth and eighteenth centuries, when Spain, England, France and the United Provinces

NELSON'S BATTLES.—III.



FIG. XLII.—THE BATTLE OF TRAFALGAR, OCTOBER 21, 1805.

were competing for naval supremacy. During all these years control of the Narrow Seas carried with it control of the ocean highways. The North Atlantic, the scene of the wider strife of the same nations, is shown in the second map, which specially illustrates the pre-Trafalgar campaign of Nelson and Villeneuve, but also the Anglo-Dutch wars of the seventeenth century, the Anglo-French struggle for America, the American Revolutionary War, and the French Revolutionary War. For plans of the Battles of the Nile, Copenhagen and Trafalgar, see Figs. XL, XLI and XLII.

SECTION IV.—THE EUROPEANISATION OF THE WORLD. PLATES 46-65.

The object of this section is (1) to trace in a series of general maps the course of world exploration, the part taken by the various European

states in each period in colonising work, and the growth of European geographical conceptions—this last point being illustrated by a series of reproductions of contemporary maps, on which shadow-maps of the world are superimposed, to show how far and where they were wrong; (2) to illustrate in detail the history of those regions in which the European nations have been chiefly concerned during the last three centuries.

The Europeanisation of the World (Plates 46–52).—These maps give the general history of exploration and colonisation. In each map that part of the world which at the date of the map was either unknown or not brought under European influence is coloured pale buff. The routes of some of the chief explorers are marked on each map, except the two last, on which the principal ocean-tracks followed by commerce before and after the age of steam are figured.

The first map (Plate 46) shows the extent of European knowledge of the earth's surface on the eve of the great discoveries. Note (a) the early exploration of the coast of N. America by the Northmen, of which, however, all effective memory had been lost; (b) the slow advance of the Portuguese down the west coast of Africa, which had taken practically the whole of the fifteenth century; the Portuguese were as yet the only nation seriously engaged in exploration. The three smaller maps are intended to show the state of geographical ideas (1) in the ancient world, *Ptolemy's* map representing the ideas prevalent when the Roman Empire was at its height; (2) in the early middle ages, *Edrisi's* map showing the state of European knowledge in the period after the First Crusade, when the Western nations had for the first time been brought into effective contact with the Saracens and their knowledge; (3) on the eve of the great discoveries, *Fra Mauro's* map showing the state of knowledge after the overland Asiatic explorations of Marco Polo and the other explorers of the later middle ages. For Marco Polo, and also for the routes of mediæval trade between Europe and the East, see Plates 59 and 60. Note how slight is the advance made during these long centuries. All three of the small maps show the same main features: (1) the surface of the earth mainly consists of land, no navigator having yet ventured into the open ocean except the forgotten Northmen; (2) this land-surface consists of a single much indented mass; (3) it is surrounded by a single "River Ocean," which runs round the whole world.

The second map (Plate 47) shows the results of the great explorations, the establishment of the Spanish Empire in Central America and the trade-ascendancy of the Portuguese in the East, together with the line of division between these nations, fixed by the Papal award of 1494 followed by the Treaty of Tordesillas. The first voyage of Columbus, the route of Magellan round the world, and the explorations of the North American coast by the Cabots, are also shown. This map illustrates the period of complete Spanish and Portuguese ascendancy, which covered the sixteenth century, and was consummated by the union of the Spanish and Portuguese Empires 1580. For Spanish America see Plates 53 and 58. The smaller maps show the rapid development of geographical knowledge during this period. *Behaim's* map practically consists of the application of the earlier ideas

as to the shape of the world's land-mass (*cf.* 46*d*) to the theory of the world as a sphere. Note that Columbus, sailing with this view of the world in his mind, found the West Indies very near the point where he would look for an archipelago. In *Schöner's* map, only thirty years later, the existence of the western continent, and the relative proportions of sea and land on the face of the world, are already fairly well grasped. The Spanish explorations (especially the voyage of Magellan) have determined the shape of S. America. In N. America the Gulf of Mexico is pretty accurately given, but the main mass of the continent is still unknown. Note (1) the theory of the existence of great masses of land at the south of the globe, which is still more clearly brought out in Mercator's map (48*b*), and which made it appear that the Straits of Magellan formed the only practicable southern route to the Pacific; (2) the theory of the N.W. Passage round N. America, which is very boldly indicated.

The third map (Plate 48) illustrates the feverish colonising activity of all the maritime nations which followed on the downfall of the Spanish monopoly to the end of the sixteenth century. All these nations made settlements in the W. Indies (*cf.* Plate 53) where they carried on buccaneering and smuggling activities; and resorted to the coast of W. Africa for the trade in gold, ivory and slaves. The *Spanish* Empire in the West had practically reached its full extent and was falling into quiescence; the *Portuguese*, though they maintained a share of the Eastern trade, no longer dreamed of monopoly. Of the new competitors for oversea dominion, the *Dutch* were the most systematic exploiters of their opportunities and they were the dominant colonial power of this period. They established their ascendancy in the Spice Islands (Plate 49*c*), and the Malay Archipelago (*cf.* 49*d*), explored Australia and the surrounding seas, planted factories on the coast of India and in Ceylon, which they largely controlled, and founded at Mauritius and the Cape of Good Hope calling stations on the route to the East. In the West the Dutch were less active than in the East, but in the New Netherlands (Plate 54*c*), they planted a colony at the most advantageous point for trade on the N. American coast, thus breaking the English settlements into two blocks; they also made themselves masters for a time of a great part of the Portuguese territory in Brazil (*cf.* Plate 58*a*). The *French* had since 1608 maintained struggling settlements on the St. Lawrence, which, despite their poverty, had begun the exploration of the interior by way of the great lakes. The *English* had opened out trade with the mainland of India, being excluded by the Dutch, since 1623, from the lucrative trade of the Spice Islands; but their chief activities were the foundation of Virginia and New England on the coast of N. America. While the Western nations were exploring the sea-routes east and west and planting stations in America and the East, the *Russian* Empire (*cf.* Plate 63) was rapidly extending its control over Northern Asia. Siberia was overrun by the Russians in the last years of the sixteenth century. The first of the smaller maps shows the conception of the shape of the world existing at the beginning of the period. Note (in comparison with *Schöner*, 47*b*) the greater accuracy of the treatment of the Malay Archipelago, which had become a centre of active trade, and the defined conception of the Terra Magna Australis. This was amended by Drake's

voyage round the world, which is shown on the main map, and in the course of which he was driven South of Cape Horn. The northern extension given to the Southern land-mass in the region of Australia should be noted. It shows that some rumour of the existence of Australia had reached geographers, from the natives of the Malay Archipelago. The second of the smaller maps shows in detail the Dutch exploration of Australia and New Zealand. The mistake in the coast outline to the north was due to Tasman's having supposed that New Guinea was continuous with Australia.

The fourth map (Plate 49) illustrates the colonial activities of the second half of the seventeenth and the beginning of the eighteenth centuries. The chief features are (a) systematic colonisation, exploration and trade development by England (Carolina, Pennsylvania, Rupert's Land, Bombay) and by France (La Salle's explorations, Colbert's attempts on Madagascar, etc.); (b) the beginning of the period of world-wide colonial wars between the great powers, which in this period began to realise the national strength to be derived from the control of colonies and especially of the trade in the luxuries of the tropical regions in East and West. The West Indies and West Africa began to see, not only buccaneering and unofficial adventurers, but national fleets. Three wars between the English and the Dutch undermined Dutch naval supremacy and expelled the Dutch from N. America (*cf.* Plate 54). Two wars between French and English, though fought primarily on European questions, were inevitably extended to America, and resulted in the cession of Nova Scotia and Newfoundland to England, which thus controlled the mouth of the French river St. Lawrence. On the whole the main feature of the period is the systematic attempt of the French, under Colbert's guidance, to secure colonial supremacy: this received a serious check at the Treaty of Utrecht. The minor maps illustrate (Plate 49b) the search for the N.W. passage, which is the romance of exploration during the late sixteenth and early seventeenth century: the story is carried down to the present day; and (Plate 49c and d) the Spice Islands, which were at the beginning of the seventeenth century the centre of the most envied trade of the world, and for the control of which strife raged between the Portuguese, the English and the Dutch.

The fifth map (Plate 50) illustrates especially the duel between France and England for the control of colonies in the West and trade in the East which occupied the first half of the eighteenth century, and was the outcome of the vast importance now attached to these matters: the mania of speculation which was caused by the exaggerated notions of the wealth to be made from colonial trade is another evidence of the preoccupation of this period with colonial matters, and showed itself in Law's schemes in France and the South Sea Bubble in England. The chief fields of this struggle were (a) North America (*cf.* Plate 55); (b) India, where trade rivalry brought on territorial ambitions (*cf.* Plate 61a); (c) the West Indies, to which many attached greater importance than to any of the other fields owing to the value of the trade in sugar, tobacco and cotton, then almost exclusively derived from the W. Indies (*cf.* Plate 53); (d) West Africa, where all nations wanted to control good slaving centres (*cf.* Plate 64c). In all these the Seven Years' War gave England the upper hand, and she emerged at the Peace of Paris the first colonising power of the world. But though the

rivalry of France and England is the main feature of the period, the eagerness of other nations to share in colonial trade should be noted. Sweden, Denmark, Austria and Prussia all appeared as ineffective competitors, especially in the W. Indies, W. Africa and India. The two small maps illustrate the rapidly improving accuracy of geographical knowledge which resulted from this keen interest in the non-European world. Homan's map, 1716, is still at fault as to N.W. America, N.E. Asia and the Australasian region. These defects almost disappear in D'Anville's map, at the end of the period. The shape of the main land-masses of the world was now determined. It remained only to explore (1) the Pacific, chiefly the work of Captain Cook, whose voyages are shown in the main map; (2) the interior of Africa, Australia and (in part) S. America, which were to be reserved for the nineteenth century; and (3) the Polar regions (*see* Plate 51*b*, c).

The sixth map (Plate 51) shows the effects of the Revolutionary period upon the colonial possessions of the European powers. Three main features stand forth: (1) the revolt of the older colonies—the United States from England, the whole of the Spanish settlements in Central and South America (except Cuba and Porto Rico) from Spain; Brazil from Portugal. (2) The conditions of the Revolutionary Wars have left the colonies and possessions of all powers at the mercy of England, with her dominant navy. The Dutch, in forced alliance with France, especially suffered, losing to England Cape Colony, Ceylon and the Straits Settlements. It was mainly in this period that the widely scattered forts and trading-stations possessed by England were acquired, especially on the route to India. (3) Fear of Napoleon forced the English into that rapid expansion which, under Wellesley, turned "the British Empire in India into the British Empire of India" (*cf.* Plate 61*c*). At the same time the settlement of Australia was begun. The smaller maps show (1) the history of polar exploration to the present day, and (2) the commercial unification of Germany, which was in the next period to add a formidable competitor to the older colonising powers.

The seventh map (Plate 52) shows the distribution of the world at the date of the Congress of Berlin. This marked the close of the period of nationalist wars and political revolutions in Europe which had engrossed the attention of the European states since 1815, and had, on the whole, prevented them from showing any activity in the non-European world. During this interval the British Empire had undergone a great extension—Canada had been federated and was opening up her vast central plains; Australia had been divided among six thriving colonies; New Zealand had been settled and was prospering; South Africa had greatly expanded; India had reached its natural frontiers. Meanwhile the vast Russian Empire was being expanded and consolidated; and the United States had spread their population from shore to shore, and acquired vast new territories by treaties with Russia and Britain, and by a war with Mexico. The European nations, now settling down, were beginning to realise that they were dwarfed by these three huge world-states. They were about to enter upon a period of fevered rivalry for colonial possessions which filled the generation and a half following 1878, and directly led up to the war. The opportunity for these activities was provided by the opening up of Africa, which was mainly due to British explorers in the middle of the nineteenth century. The results will be shown in the supplementary maps (Plates 52*d* and 52*e*).

The West Indies and Central America (Plate 53).—The West Indies and Central America were the field of the rivalry of all the maritime nations from the middle of the sixteenth to the beginning of the nineteenth century. The confusing changes in ownership of the lesser islands, at first chiefly haunted by buccaneers, are shown in detail in the larger map, while the smaller maps illustrate the position of the various competing powers at intervals of about a century. The history of the Spanish Empire is also partially illustrated. For South America see Plate 58.

The European Nations in North America (Plates 54 and 55).—These two plates illustrate the colonisation of North America, the rivalry of England and France, and the establishment of the United States. The two maps should be used in conjunction, in order that the influence of physical features, which is nowhere more clearly demonstrable, may be fully grasped by the student. Five nations took part in the colonisation of N. America during the first half of the seventeenth century. The *Spanish* settlements in Florida and Texas were, however, essentially an extension of their dominion in the West Indies and Central America, and as they exercised no material influence upon the other settlements, they may be disregarded. The *English* settlements fell into two distinct blocks, (a) the Southern Colonies of Virginia (1607) and Maryland (1634) surrounding and made accessible by the branching waters of Chesapeake Bay and its navigable rivers, to which later the Carolinas and Georgias were added, and (b) the sporadic but homogeneous group of the New England colonies, (1620 onwards, see 54b), which before the middle of the century had been consolidated into the four main states of Massachusetts (with Plymouth and Maine), Rhode Island, Connecticut and New Hampshire. Both of these groups were essentially coastal in character, and though the settlers were numerous they were deterred from expanding far westwards by the barrier of the mountain ranges which run parallel with the Atlantic coast. Between these two groups of English colonies the *Dutch* planted themselves at the mouth of the Hudson, and the *Swedes* (later conquered by the Dutch) at the mouth of the Delaware (see 54c). The Dutch especially showed great insight in their choice of a site, since the valley of the Hudson, together with its tributary the Mohawk, formed the only effective gaps in the trackless hills and woods which cut off the coastlands from the interior. Accordingly the conquest of the Dutch territories by the English (1664) was essential to the consolidation of the English colonies. Even then, however, the English settlers had no very effective route to the central plain, because the Iroquois, the most warlike and best organised of Indian tribes, lay across the Mohawk valley, while the main Hudson valley with Lake Champlain, though forming an all but continuous waterway to the North, led only to the centre of the French settlements on the St. Lawrence. The *French* like the English settled in two distinct areas, but in their case these areas were not divided by the settlements of any other European power. Acadia (1604) and its dependencies formed a coastal colony, and as such was engaged in frequent conflict with the New Englanders by whom it was eventually conquered (1711). The two nations also found themselves in rivalry in Newfoundland, where both had settlements, for the exploitation of the fisheries. But the

main French settlements, on both banks of the St. Lawrence from the Saguenay to the Ottawa, had for the most part to deal only with native neighbours, especially the formidable Iroquois. The St. Lawrence River forms a very effective breach in the mountain barrier which checked the advance of the English. It naturally led the French settlers on to the Great Lakes, which Champlain explored as early as 1615, and whose area was soon dotted with French trading and mission centres. From the lakes French explorers and missionaries were naturally led on to explore the great rivers of the central plain; Père Marquette and La Salle traced the course of the Ohio and Mississippi; a new French settlement was planted at the mouth of the Mississippi (1717) and during the first half of the eighteenth century, despite their small numbers in comparison with the English, the French had established trading and mission stations on the eastern half of the Mississippi valley (*see* Plate 55) and claimed the right of excluding the English from this region. This state of affairs, essentially the product of geographical facts, inevitably brought about conflict between the two nations, which in the Seven Years' War ended in the acquisition of all the French lands and claims by the English.

In this war (*see* Plate 55) geographical facts were again the determining factors. The English attacks on the French colonies, successful or unsuccessful, were all directed along three main lines: (a) over the Alleghanies to the French settlements on the Ohio, especially Fort Duquesne; (b) up the Hudson waterway by Lake Champlain (where Crown Point and Ticonderoga formed the chief centres of war) and along the Mohawk Valley to the Lakes (*see* Plate 56a); (c) up the river St. Lawrence, where Louisburg and Quebec (55a) formed the main French points of resistance. The conquest of Canada was soon followed by the revolt of the original English colonies. In the course of the War of Independence the Hudson waterway again plays a principal part (a) in the American attack on Canada, (b) in the English attempt (1777) to isolate New England by a combined movement from Canada and New York. Apart from this the main fields of this war were (a) Boston (55b), (b) the "middle states," and (c) the Carolinas and Southern Virginia, where the last serious campaigns of the war were fought. The main field of the Revolutionary war, and the central area of the Seven Years' War, is treated on a larger scale in Plate 56. In both Plate 54 and Plate 55 the inland boundaries of the colonies are left (as they were in fact) undefined.

Military History of the United States (Plate 56).—This plate is intended to illustrate the three great wars in the history of English-speaking America. One of the chief fields both of the Seven Years' War and of the War of Independence was the great Hudson waterway, which is figured in Map a; the same map also shows the central field of the War of Independence. On the geographical features of these wars *see* note on Plates 54 and 55. The Civil War falls into three main phases (1) the Naval War, including the blockade of the southern ports and Farragut's attack upon the lower Mississippi; (2) the Virginia campaign, in which from beginning to end of the war the main armies on both sides were engaged; (3) the war in Kentucky and Tennessee, which was linked with (2) by the campaigns in

the Alleghany valleys and by Sherman's march through Georgia. All three phases are, however, so much intertwined that they are best illustrated in a single map (Map *b*). The hard fighting of the last stages of the war in Southern Virginia are illustrated on a larger scale in Map *c*.

The Growth of Canada and the United States (Plate 57).—This map illustrates the political development of North America since 1782. In British North America the main stages in the organisation of the dominion were as follows :—(1) From 1793 Upper and Lower Canada were separate colonies, while Nova Scotia, New Brunswick, Prince Edward's Island and Newfoundland formed distinct states; (2) in 1841 Upper and Lower Canada were united; (3) in 1867 the Dominion was formed, including the two Canadas, Nova Scotia and New Brunswick; (4) this was followed by the opening out of the west by the Canadian-Pacific Railway, the addition of British Columbia to the Dominion (1871), and the organisation of the western territories, which in 1905 became states of the Dominion. Note both in Canada and the United States the vital importance of the great trans-continental railways in binding together these vast territories; until the age of railways, democratic communities on so vast a scale would have been impossible. Note the boundary questions (*a*) in Maine, (*b*) in Oregon, settled at a time when all parties in England anticipated the early union of Canada with the United States. In Maine, a wedge of foreign territory is thrust almost to the St. Lawrence, and has to be crossed by the chief railway. In the United States note that the settlement of the territory west of the Alleghanies did not begin until after the American Revolution (*cf.* dates of Ohio, Kentucky, etc.). Note also the importance of the Louisiana purchase; and the conquest of the rest of American territory from the Spanish-American power of Mexico.

South America (Plate 58).—There are two main periods of interest in the history of South America, separated by a long period with no features of great interest. The *first* period is that of conquest and settlement by the Spaniards and the Portuguese and in a less degree by the Dutch, English and French, which occupies the sixteenth and the first part of the seventeenth centuries. This is illustrated by the first map. Note (1) the organisation of the Spanish Empire: Panama, Peru, Chile and the Argentine all falling under the viceroyalty of Peru, whose most important region was the mining district of Upper Peru (mod. Bolivia); while New Granada, Caracas (Venezuela) and generally the Spanish main were attached to the governorship of Hispaniola. Note (2) that the Portuguese settlement of Brazil, at first purely coastal in character, was effected by grants of large feudal lordships, which are indicated on the map. The *second* period is that of the establishment of a series of independent states, which was the indirect outcome of the French Revolution. This period, and the Wars of Liberation, in which Bolivar was the outstanding figure, are illustrated in the second Map.

Asia under the Mongols (Plates 59 and 60).—Drawn to the same scale, these two plates form a continuous map of Southern and Central Asia. Apart from the raid of Alexander the Great to the Indus, the frequent wars

of the Roman Empire with the Persians and the long struggle against the Saracens and Seljuk Turks (which never extended further East than Syria, *see* Plate 29), the western nations of Europe never had effective contact with, or knowledge of, Asia until the rise of the great Mongol empire in the thirteenth century; China and India being practically unknown to Europe, except in so far as their products were transmitted by Arab traders on the Indian Ocean, or the land-routes of trade across Central Asia. These routes are shown on Plates 59 and 60. The Mongolian family of peoples are known to have extended, at any rate since the beginning of the Christian era, from Manchuria and the Pacific to the Baltic and Black Seas. Though there were wide differences of language among them, they were never very clearly divided into distinct races, but being mostly nomadic in their customs, shifted and melted readily into one another. From this vague and shifting mass of peoples, whom the European nations have at various times known as Scythians, Huns, Turks, Tartars, Mongols, etc., successive offshoots had from time to time raided and terrorised Europe—the Huns of Attila, the Avars, the Bulgarians, the Magyars all being branches of this same wide-spreading Asiatic stock; as were the various bands of Turks who from the ninth century onwards raided and controlled the greater part of the once consolidated Saracen empire. At the beginning of the thirteenth century a group of tribes in modern Mongolia, consolidated under the rule of a single prince whose centre was at Karakorum, began to conquer and assimilate the kindred races to the south and east of them. In the absence of any strongly felt racial distinctions the task proved an easy one. Under the captaincy of a great military genius who assumed the title of Zenghis Khan (Illustrious King) the Mongol empire had before 1260 not only united all the branches of the wide-spreading Mongol race, but had conquered Persia and the whole of China (the capital of the empire being thenceforward fixed at Peking) and, gathering up the Mongolian tribes of southern Russia, had reduced the divided Russian states to subjection (1241–2, *cf.* note on Plate 27). For convenience of administration this unwieldy empire was divided among the sons of Zenghis Khan. But these kingdoms (1, Kipchak—the “Golden Horde” of S. Russia; 2, Djagatai—Turkestan, Bokhara, Samarkand, etc.; 3, Ilkhan—Persia and Armenia) continued during the thirteenth century to recognise the suzerainty of the main kingdom of Mongolia and China under Kubla Khan. In the fourteenth century this vast empire, however, rapidly broke into fragments. China was lost in 1368; the more strictly Mongol regions first became independent and then broke into innumerable fragments. This rendered possible the rise of the Ottoman Turks in Asia Minor (*cf.* Plate 25*b*). On the ruins of the Mongol Empire in Central and S.W. Asia a new adventurer, Timur (Tamurlane) at the end of the fourteenth century built up another short-lived empire, which stretched from the Hindu Kush to the Euphrates, threatened to destroy the power of the Ottomans, and gravely alarmed Europe.

The vast empire of Zenghis Khan and his successors attracted the attention of Europe, and led to a series of remarkable journeys of exploration. The chief of these were those of Rubruquis (Ambassador of St. Louis to Zenghis Khan, 1253–4), Carpini (Ambassador from the Pope 1246–7) and

above all the Venetian merchants, the Poli, who were taken into the service of the Mongol Emperors, and made a remarkable series of journeys. Marco Polo's routes are indicated on the map.

India, protected by the Himalayan rampart, was all but unaffected by the vast power of Zenghis Khan. The early history of India is the story of a succession of invasions from the N.W. The most important of these during the middle ages were those of the Afghans, which began in the eleventh century; the Afghan power reached its height at the beginning of the fourteenth century, when it controlled practically the whole of India. But this ascendancy was short-lived. The Afghan power, by the end of the century, had shrunk to the N.W. and in 1398 this remaining region was subjugated by Timur. Meanwhile a group of independent states had formed themselves in the Deccan. This is the state of affairs shown in the main map.

The inset map (59a) shows the condition of India at the time of the first English voyages to Surat and other ports. The chief feature is the rise of the great Mogul empire, the most solid power which India had yet seen, founded by Baber King of Kabul, in the first part of the sixteenth century, and organised by the great Akbar in the second half of the same century. Southern India, to which the operations of the European traders were at first mainly confined, continued to be divided among a group of minor states.

The Growth of British Power in India (Plate 61).—Illustrates in detail the growth of the British power in India down to the close of the governor-generalship of Wellesley. The first map deals with the beginnings of British power under Clive and Warren Hastings; the second with the establishment of British supremacy in India. The influence of physical conformation upon history is very clearly marked in the case of India, and the student should study these maps in conjunction with the physical map, Plate 59. Note (1) that the Deccan or Southern Peninsula is naturally distinct, and has a different history, from the Gangetic Valley; hence the growth of British power in the Carnatic is largely a separate story from that of the British power in Bengal, the Governors of Madras being chiefly concerned with the great powers of the Coastal Plain and Southern Uplands—the Carnatic, Mysore and Hyderabad; while the Governor of Calcutta was concerned with the Nabobs of Bengal and Oudh and the Great Mogul at Delhi. But note (2) that the remarkable geographical position of the Marathas, stretching across India between these two regions, gives a unity to Indian History after their rise, because every power was necessarily brought into relations with them. Hence the Marathas were the most dangerous foes of the British in India. And note (3) that the unity of the scattered British territories in the earlier period was only secured by control of the sea; and that as a consequence of this, early British expansion is mainly aimed at securing the control of the coast line. It is not till the time of Wellesley that this policy is exchanged for one of territorial supremacy. His work falls into three stages: (1) the assumption of control over the Deccan by the annexation of the Carnatic and of the greater part of Mysore, and the reduction of the rest of Mysore and of the Nizam to

subsidiary alliance; (2) the assumption of control over the Ganges valley by the annexation of the Doab and the reduction of Oudh and the Mogul to dependence; (3) the attempt to subjugate the Marathas, which was stopped when half achieved and had to be completed by Lord Hastings (see Plate 62).

India in 1858 (Plate 62).—The chief features of the advance of the British power in India during the nineteenth century are: (1) the final subjugation of the Marathas (1817–18); (2) the assumption of direct rule in a number of inland states, including Mysore, Nagpur, Oudh, Sattara, etc.; (3) a rapid advance towards a defensible natural frontier on the N.W. in the Sind War (1843) and the Sikh War (1845–6 and 1848–9); and (4) the conquest of Burma on the East. The map also illustrates the Mutiny.

Coloured, as it is, according to the dates of acquisition of the various areas, this map suggests certain broad aspects of the British ascendancy in India which are worth noting. It shows that the English first acquired control over the greater part of the coast, so as to prevent the access of other powers coming by the sea, and of the Gangetic plain from which the main wealth of India is derived. In the second stage the control of the coast-line was completed, and a wedge of British territory was thrust into the centre of the peninsula, dividing the native states which at the beginning of the nineteenth century occupied the bulk of this area. In the third stage the north-western frontier was secured against possible invaders by land, and a rapid expansion also took place towards the north-east. This sequence was the result, not so much of deliberate plan, as of the pressure of events, but it is none the less important to realize.

The European Powers in Asia during the Nineteenth Century (Plate 63).—The main features illustrated by this map are the development of the gigantic Asiatic Empire of Russia, its relations with the British Empire in India and with the Oriental powers, Japan and China, and the imperial or commercial ambitions of other powers, notably France in Tong-king, the United States in the Philippine Islands, and Germany in the Euphrates Valley. The growth of the Asiatic Empire of Russia falls into two main and widely separated periods. In 1581 the conquest of Siberia began, under Yermak, a leader of the Cossacks of the Don. Within the next sixty years Russian settlers had spread over the whole of Siberia as far as the Pacific, and had subjugated the scattered tribes which occupied this vast region. At the end of the seventeenth century Kamchatka was occupied, and the Kurile Islands between 1710 and 1720. This rapid process of occupation was the spontaneous work of settlers, not the result of conquest by the forces of the Russian state. Organised government followed later. In 1708 Siberia was formed into a distinct government, with its capital at Tobolsk: it then included twenty-six towns. Under Catherine II. it was divided into three governments. The Russian conquest of Central Asia came much later, being the work of the nineteenth century. It was achieved deliberately and by military action, and was not followed by any considerable settlement of European Russians in the conquered regions. Russian ambitions towards the S.E. may be said to begin with Alexander I., who discussed with Napoleon the project of a combined Franco-Russian advance

on India across Central Asia. From this moment the advance of the Russians towards the S.E. was identified in the minds of British statesmen with danger to the Indian Empire. This danger seemed to threaten in two directions, (a) Russian advance through the Caucasus and across the Caspian Sea, involving pressure on Persia; (b) Russian advance through Turkestan, involving pressure on Afghanistan. The stages in these two lines of advance are shown on the map. They exercised the most material influence upon the concurrent advance of the English in India towards a defensible mountain frontier on the N.W., and upon the diplomatic relations of British India with Afghanistan and Persia. The final settlement of the Afghan boundary question in the Pamirs was not reached till 1898; the question had brought the two Empires to the verge of war in 1876. The final settlement of the Russo-British rivalry in Persia was attained by the delimitation of spheres of influence in that country in 1907. It should be noted that the periods of Russian advance in Central Asia correspond to the periods of reaction in the domestic politics of Russia. Russia reforming herself is European; Russia in reaction is Asiatic. For the Russo-Japanese war, the final check to Russian advance in the Far East, see **Plate 52b**. Apart from the Russo-British rivalry, the main features illustrated by **Plate 63** are (1) the pressure of European powers upon China, represented by the Chinese wars and the opening of "treaty ports" in 1842 and 1858, the development of the French power in Indo-China, and the establishment of English, German and Russian stations on the Yellow Sea; (2) the emergence of Japan as an aggressive power, by the acquisition of Formosa (1895) from China, the Kurile Islands and South Sakhalin from Russia (1905), and the establishment of a protectorate over Corea; (3) the vital importance of railway schemes for the opening up of Asiatic regions to European trade and influence; note especially the Trans-Siberian railway and the Russian railways in Central Asia, the railways across Asia Minor, down the Euphrates, and through Syria to Mecca. It is upon the control of these and other strategically or commercially important lines of communication that the latest phase of European rivalry especially turns, and the field of this rivalry is Asia.

The Europeanisation of Africa (Plate 64).—Though the coast of Africa was fully known before that of any other part of the world outside of Europe, this continent, as a whole, was the last to be brought under European influence or control. This was because the coast, everywhere inhospitable, is everywhere backed either by deserts or by malarious jungle; while all the great rivers (except the Nile) were long prevented from being made highways to the inland plateau by falls near their mouths, where they descend from the plateau, and by the malarious character of their lower reaches; Africa is like a nut with a very hard kernel, and was neglected so long as more easily accessible lands were available to the ambitions of colonising nations. Towards the end of the nineteenth century when Europe had come to an end of revolutionary changes after the Franco-German War, the suddenly awakened colonial ambitions of the powers found Africa almost the only unappropriated region of the world. Hence the rapidity with which it was partitioned amongst them, which (with



FIG. XLIII.—EGYPT AND THE NILE.

the aid of gradations of colour according to date) is shown in Map (a). In 64 (c)—West Africa—note the numerous settlements of the various European powers along the coast of W. Africa during the eighteenth century, chiefly for the purposes of the slave-trade: not only Portuguese, Dutch, French, and English, but Danes and Prussians founded trading stations, which frequently changed hands, and in no case carried with them extended territorial power. Note the recently established predominance of France: Great Britain, however, controlling two of the three most valuable river entries into the inland regions. In 64 (b)—Cape Colony—note the struggles on the eastern boundary against the Kaffirs, and the slow advance of the frontier in that direction—this being the only point at which the English, for a long time, came in contact with warlike native powers. The divisions shown on this map are those of the Dutch at the time of the English conquest, and give some indication of the extent of the settlement at that date. The great variation in the size of the provinces is instructive, the wealth and population of each province being roughly in inverse proportion to its size. 64 (d)—Physical—illustrates, with dates, the growth of British power in S. Africa. 64 (e) gives a fuller treatment of Natal, the main clash-point between the English, the Dutch and the most formidable native tribes. Note the repeated attempts of the Boers to control the access to the coast in this direction, first by their early settlements, then in the '80's by the expansion of the New Republic at the expense of the Zulus. The only region of Africa that has played a material part in the history of the world is Egypt; being easily entered by the Nile it has always been linked with the civilization of the Mediterranean. The geography of Egypt is so simple, consisting merely of a long river valley running through the desert, that it is possible to illustrate it adequately by a black and white map. Accordingly it is shown in Fig. XLIII, which will serve to illustrate alike the age of the Crusades, the Napoleonic war, Mohemet Ali and the troubles of the nineteenth century, and finally the British occupation.

The Exploration and Settlement of Australasia (Plate 65).—"Happy is the nation which has no history," and there is no important region of the world which has been more free from the misfortune of having a history than Australasia. Its chief features of interest are economic and constitutional, and these themes do not lend themselves to cartographical illustration. Of the three maps on this plate the first, which is coloured physically, shows Australasia as a whole, brings out the relation between the main continent, the Malay Archipelago and the Pacific Islands, and shows the principal routes of maritime exploration. For the early Dutch explorations *cf* Plate 48 and 48b. The second map, 65b, illustrates the main journeys of exploration within the arid interior of Australia, the routes of sixteen explorers being shown; and the map is coloured to show the dates of settlement of various parts of the continent. The third map, 65c, illustrates the colonisation of New Zealand and the Maori wars.

SECTION V.—THE GREAT WAR AND ITS EFFECTS.

These four maps are intended to illustrate the causes, results and course of the Great War of 1914-19, which produced vaster changes in political geography than any other war in human history; the first two plates deal with the changes in the political map of Europe, the second two with the political distribution of the world and with the chief scenes of the fighting during the war.

Plate 13*a* shows the condition of Europe on the eve of the war. A comparison with Plate 13 will show that there had been no changes in Europe proper during the Armed Peace (1878-1914), save in the extreme north-west and in the extreme south-east. In the north-west the forced union between Sweden and Norway established in 1815 was peaceably dissolved in 1905. In the south-east a long series of troubles, beginning on the morrow of the Congress of Berlin (1878) and culminating in the two Balkan wars of 1912 and 1913 (which formed a sort of curtain-raiser to the Great War), had brought about a complete redistribution of the Balkan Peninsula, defined in the Treaties of London (1912) and Bucharest (1913). Turkey was left with only a corner of European territory behind Constantinople. What she had lost had gone to swell the lands of (1) Austro-Hungary, which in 1908 annexed Bosnia and Herzegovina—they had been under her administration since 1881; (2) Montenegro, which obtained small accessions of territory bringing her into immediate neighbourhood with her sister-state of Serbia; (3) Serbia, which acquired "old Serbia" and a great part of Macedonia, thus doubling her area; (4) a new principality of Albania on the Adriatic coast; (5) Greece, which acquired southern Macedonia, the north coast of the *Ægean*, and several of the islands off the coast of Asia Minor; (6) Bulgaria, which had incorporated Eastern Rumelia in 1885 and acquired Western Thrace in 1912-13; (7) Italy, which seized the islands to the south-west of Asia Minor after a war with Turkey in 1911. These changes, by giving autonomy to the Christian peoples of the Balkans, seemed to have solved the eternal Eastern problem. They failed to do so, partly because of the quarrels of the Balkan states, but mainly because the rise of these states formed an obstacle to the ambitious projects which had been conceived by Germany and Austria. These powers had made friends with Turkey, and designed to build up a consolidated empire or commercial hegemony which would stretch from the North Sea to the Persian Gulf. The growth of the Balkan states, and especially of Serbia, spoilt this plan, and this was one of the chief causes of the Great War. It was no mere accident that the war was begun with an attack by Austria upon Serbia.

The map also shows that the nominal Turkish suzerainty over northern Africa had come to an end. Egypt had fallen, since 1881, under British control; France had made herself mistress of Algeria (1830), Tunis (1881), and finally Morocco (1912); Italy had conquered the intervening territory of Tripoli by the war of 1911. The Mohammedan world was manifestly being subjected by the Christian powers. This fact, which produced widespread unrest among the Moslems, was used by Germany, and contributed materially to determine some of the characteristics of the Great War—especially the part played by Turkey.

Plate 13*b* shows the results of the treaty settlements and other arrangements which followed the Great War—the most remarkable series of changes ever made in the political map of Europe at a single period. Note, first, that there is comparatively little change in Western Europe—west of a line drawn from the mouth of the Oder to the mouth of the Po: this was the region in which national states had been most solidly established in the course of modern history. Belgium acquired from Germany (after plebiscites) the small areas of Eupen and Malmédy (*see also* Plate 52*d*, inset map); France regained from Germany the provinces of Alsace and Lorraine which she had lost in 1871; Italy gained the Italian regions of Trent and Trieste from Austria; Denmark acquired from Germany Northern Schleswig (lost in 1864) after a plebiscite; and the coal-bearing Saar Valley was temporarily placed under the administration of the League of Nations. But these changes, though considerable, make little showing on the general map in comparison with the changes effected in Eastern Europe. Here Germany lost the Polish-speaking districts of Posen and West Prussia, which she had held since the partitions of Poland in the 18th century; and

she later lost a part of Silesia, after a plebiscite and an award by the League of Nations. These changes materially reduced the power of Germany, especially because they deprived her of some of her best coal-bearing areas. The German province of East Prussia was left isolated in non-German territory, and its chief city and port, Danzig, was turned into a Free City in order that it might supply an outlet equally for Polish and for German trade.

But the most sensational changes shown on this map are the disappearance of the Austro-Hungarian Empire, which had been one of the dominating factors in European history since the sixteenth century; the loss by Russia (as a result of the Bolshevik revolution) of the non-Russian European lands which she had acquired during the eighteenth and early nineteenth centuries; the further shrinkage of the Turkish Empire; and the rise, on the ruins of these powers, of a whole group of new national states, sometimes known as the Succession States. (1) Poland reappeared as a large state created at the expense of Russia, Germany and Austria. (2) Bohemia, Moravia and Northern Hungary were turned into a new state of Czecho-Slovakia. (3) Rumania acquired Transylvania and Bukovina from Austria and Bessarabia from Russia, and emerged as a large and solid state. (4) The southern Slavonic territories of Austria and Hungary (including Carinthia, Croatia, Slavonia, Dalmatia, Bosnia and Herzegovina) were united with Serbia and Montenegro to form a new consolidated kingdom of Jugo-Slavia, also known as the kingdom of the Serbs, Croats and Slovenes. (5) Greece was offered Western Thrace at the expense of Bulgaria, Eastern Thrace and the Smyrna region of Asia Minor at the expense of Turkey; but later military disasters cost her most of these acquisitions, and largely re-established the power of the Turks. (6) Austria and Hungary, once the controlling factors in a wide empire, were left as two small and almost bankrupt republics surrounded by stronger powers and cut off from direct access to the sea. The general purport of these arrangements was to reconstruct central and south-eastern Europe as a series of national states; but in all of them there are strong minorities of hostile races. Moreover, the re-arrangement has largely disregarded economic considerations. For these, among other reasons, Europe has not attained peace after the disturbance of the war as rapidly as might have been hoped.

Plate 52*d* shows the political distribution of the world on the eve of the Great War. A comparison with Plate 52 will show how rapid and complete had been the partition of the unoccupied regions of the world (especially Africa and the Pacific) in the generation since 1878. The immense extension of the British Empire and the creation of a vast French Empire in Northern Africa, Madagascar and Indo-China are the most impressive features of the map. But note also the rise of a German Empire in Africa (Togoland, Cameroons, East Africa, South-West Africa), and in New Guinea and the Pacific; the creation of an Italian Empire in Africa; and the assumption of colonial responsibilities by the United States in the Philippines, Porto Rico, Hawaii and Samoa. The acute rivalry of the European Powers for extra-European territory was one of the provoking causes of the war. It would probably have led to the partition of China but for the Anglo-Japanese Treaty of 1902. Dissatisfied with the extent of territory she had acquired, Germany formed great plans for further expansion in Africa, which the war was to have satisfied. She also hoped to build up a continuous influence over the Turkish Empire and Mesopotamia. These ambitions largely contributed to provoke the war, and determined its world-wide character when it came.

Plate 52*e* shows the results of the war. The German colonial empire has disappeared; the Turkish Empire has been stripped of all its territories outside of Asia Minor. These lands have all been distributed among the victor-powers under mandates issued by the League of Nations. Of the German possessions, part of Togoland and most of the Cameroons fell to France; South-West Africa, East Africa, German New Guinea and the neighbouring archipelagoes to the British Empire, and the northern Pacific islands of Germany to Japan; while of the Turkish Empire, Arabia became independent, Palestine and Mesopotamia were mandated to Britain, and Syria to France.

The subsidiary maps on Plates 52*d* and 52*e* illustrate the main fields of fighting, and are self-explanatory.

MAPS

I. EUROPE	1—13
II. PRINCIPAL STATES OF EUROPE	14—29
III. BRITISH ISLES	30—45
IV. EUROPEANISATION OF THE WORLD	46—65

20 15 A 10 B 5 C 0 D 5 E 10 F 15 G 20 H



EUROPE on the Eve of the **BARBARIAN IRRUPTIONS** c. 395 A.D.

Scale 1: 25,000,000 (400 miles=1 inch)
English Miles

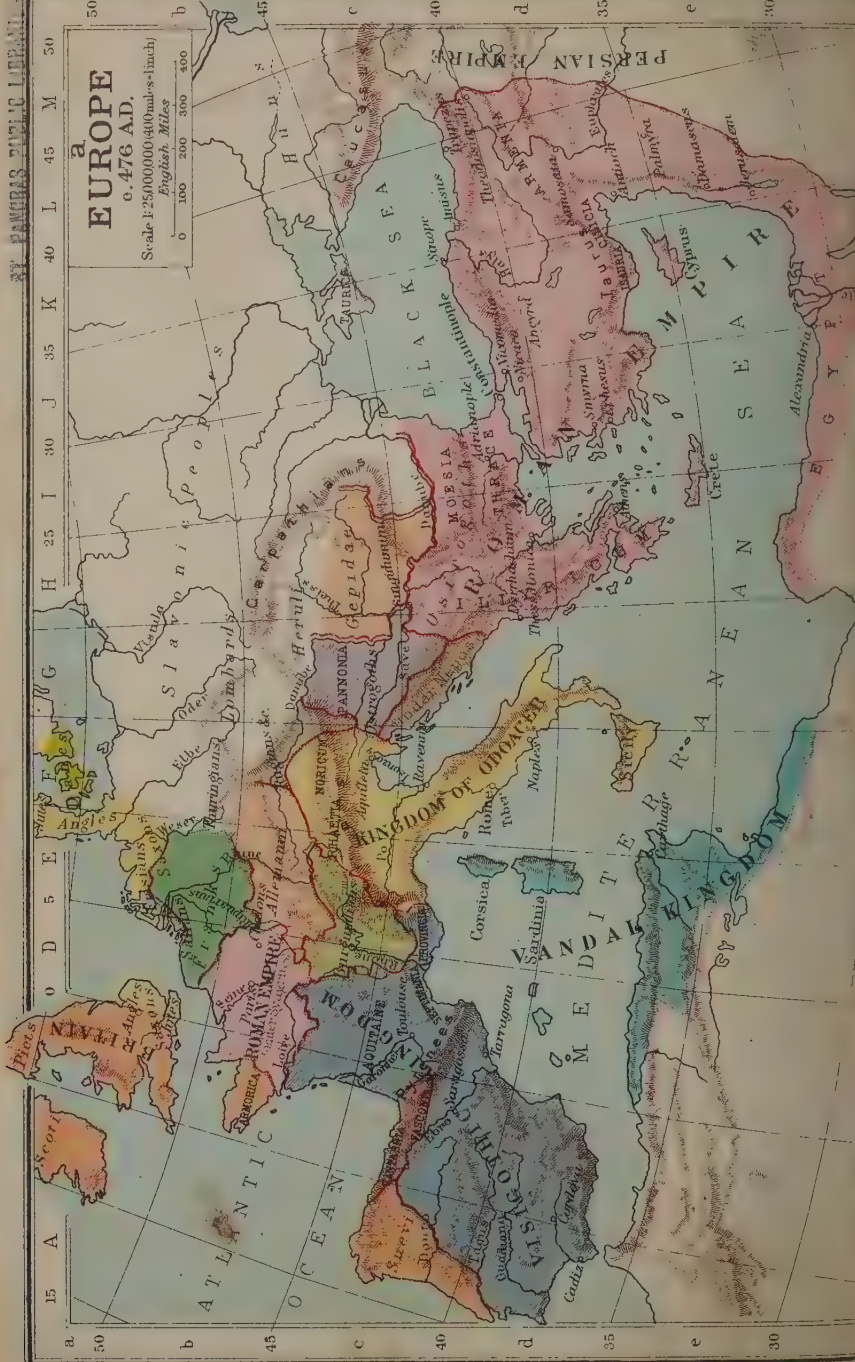
- Boundary of the Roman Empire
- Boundaries of Roman Dioceses
- - - Division of the Empire between the sons of Theodosius in 395.
- ▨ Boundary of the Persian Empire
- Tribal Names thus Huns

C 0 D 5 E 10 F 15 G 20 H East from

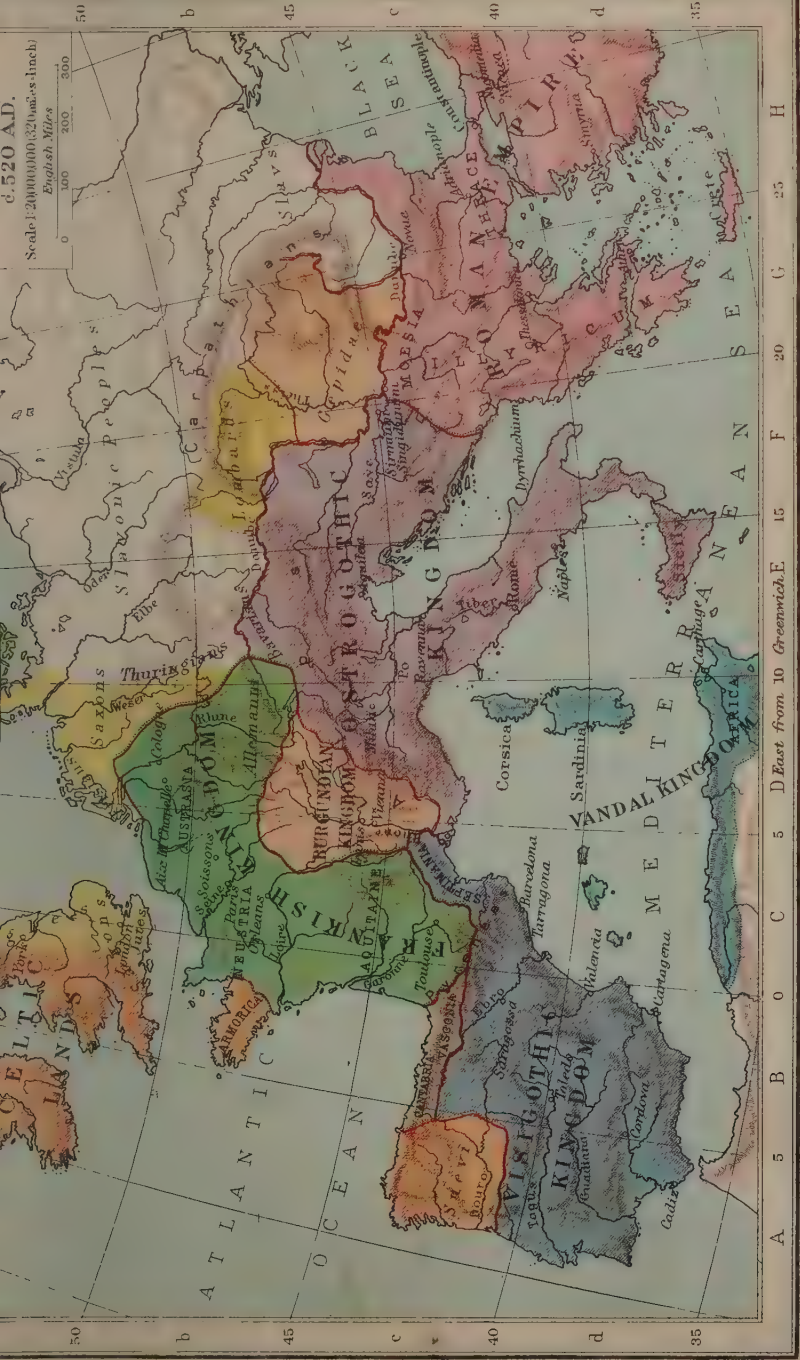


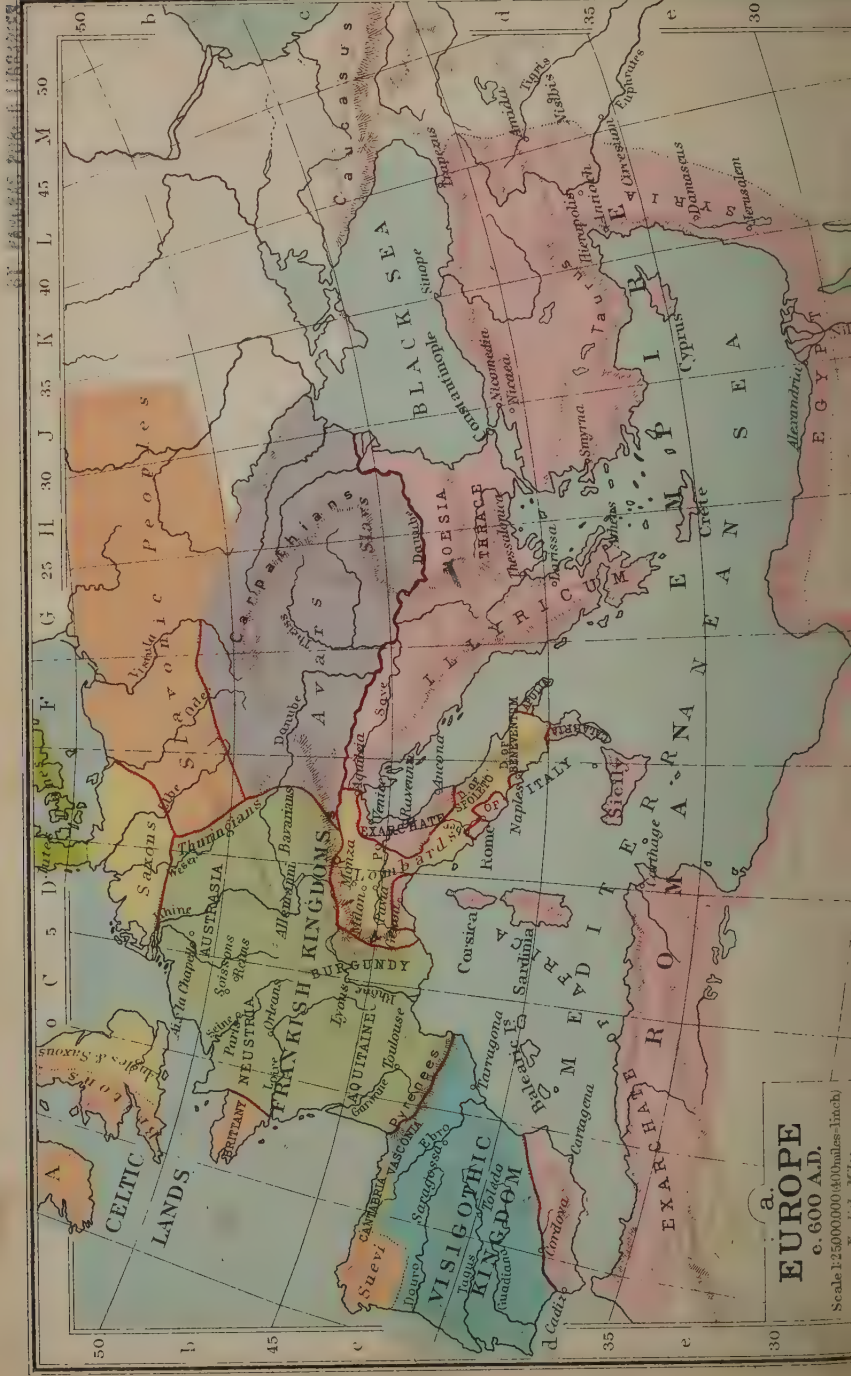
Highlands over 3000 ft
" from 1200-3000 "
Uplands " 600-1200 "
Lowlands " 0-600 "

a
EUROPE
c. 476 AD.
Scale 1:25000000 (400 miles = 1 inch)
English Miles
0 100 200 300 400



50





a.
EUROPE
 c. 600 A.D.
 Scale 1:25000000 (40 miles = 1 inch)



EUROPE

in the Age of

CHARLEMAGNE

Scale 1:200,000,000 (320 miles = 1 inch)

English Miles

0 100 200 300 400

Limits of the Carolingian Empire

at the accession of Charlemagne

Limits of the Carolingian Empire

at the death of Charlemagne

The Roman Empire

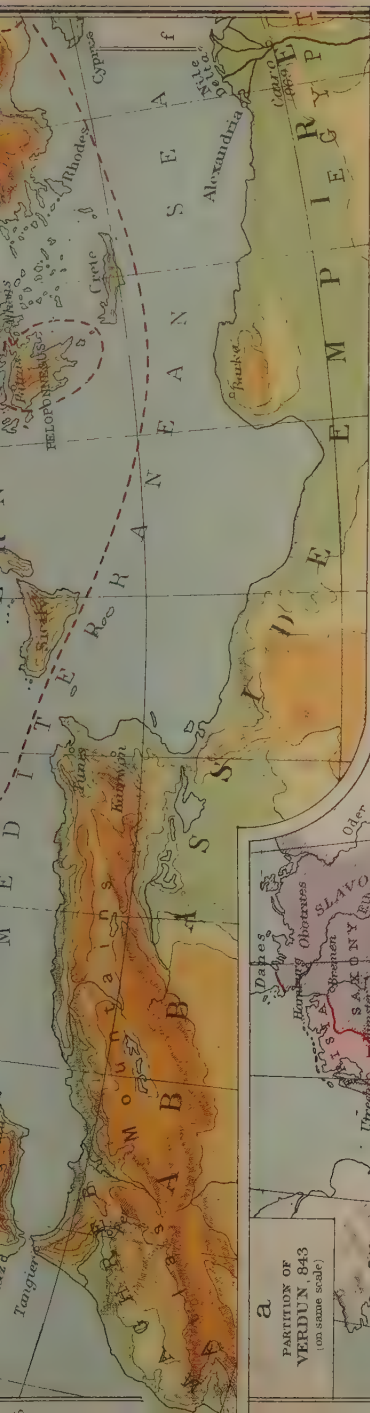
Highlands over 3000 ft

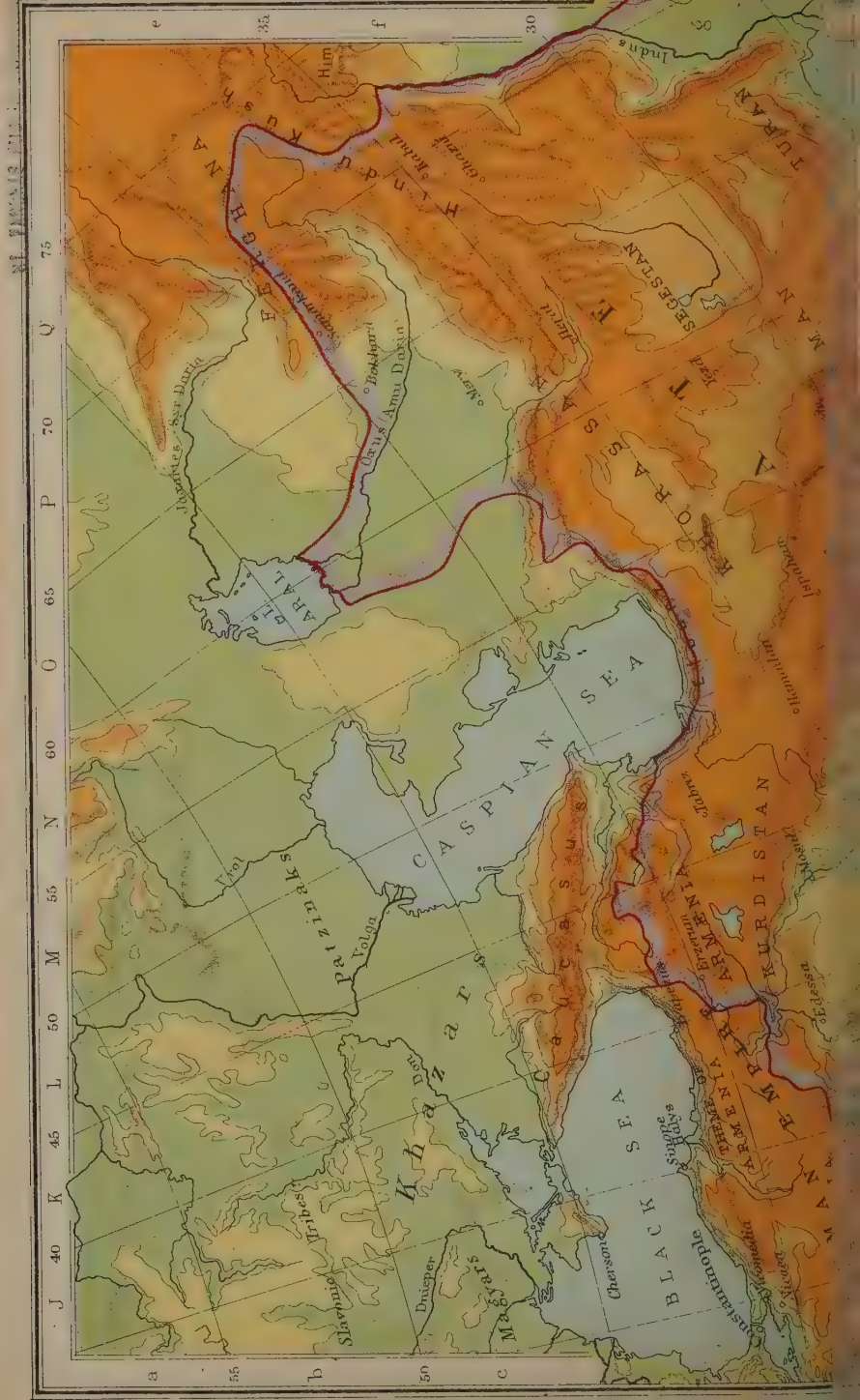
from 1200-3000

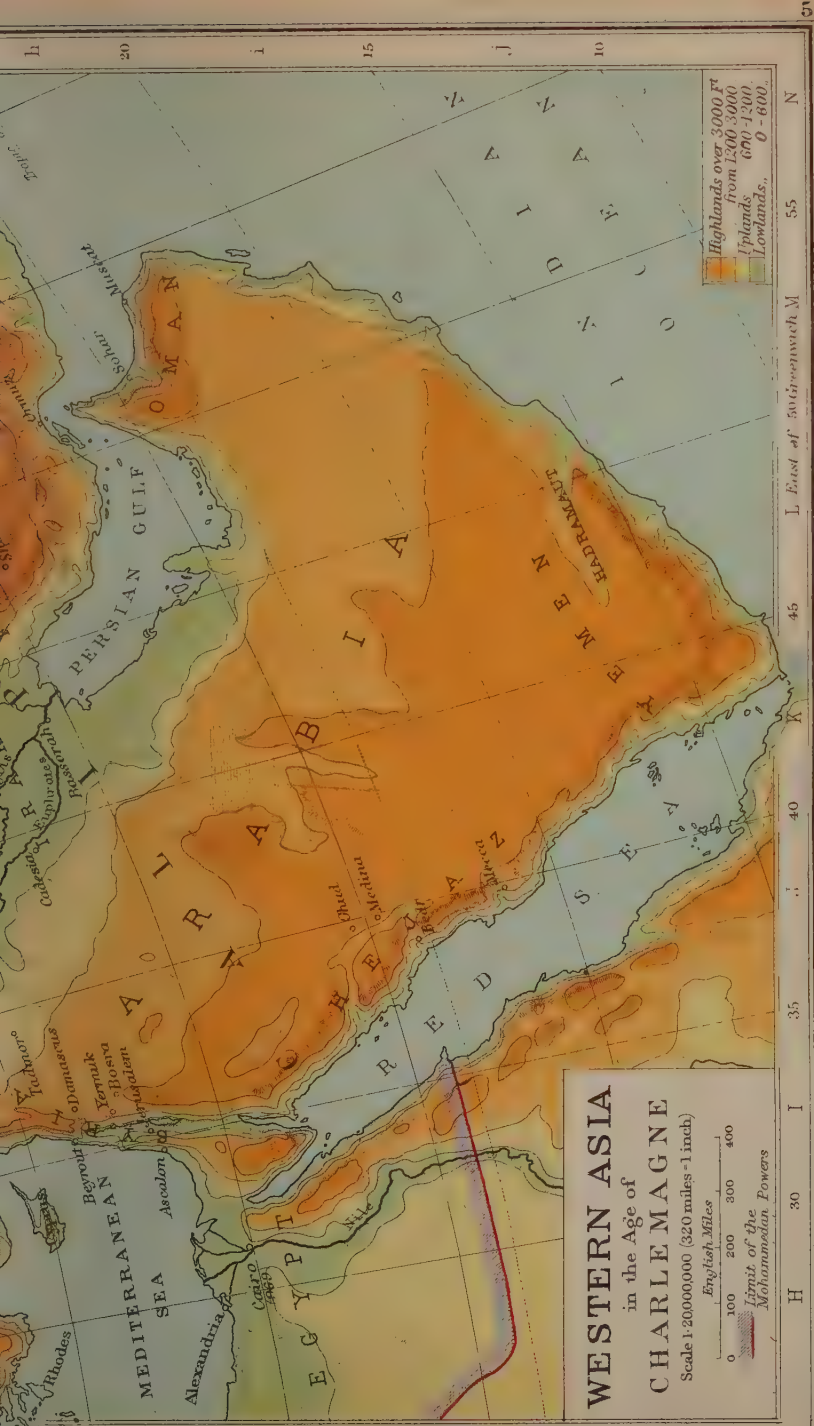
Uplands 600-1200

Lowlands 0-600















EUROPE

IN 1519

Scale 1:15,000,000 (240 miles=inch)

English Miles

0 100 200 300

- Boundary of the Holy Roman Empire
- Dominions of the House of Habsburg
- Brandenburg
- Lands of the Union of Calmar
- Church Lands



A

C East from 5 Greenwich D



EUROPE

at the
PEACE OF WESTPHALIA
1648

Scale 1:15,000,000 (240 miles = 1 inch.)

English Miles

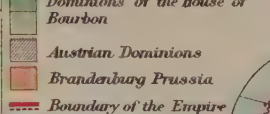
0 100 200 300

- Spanish Dominions
- Austrian Dominions
- Brandenburg Prussia
- Swedish Dominions
- Church Lands
- Boundary of the Empire





English Miles





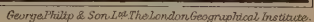
EUROPE under NAPOLEON 1810

Scale 1:15000000
(240 miles = 1 inch)
English Miles

0 100 200
— Napoleon's Route to Moscow

- Empire of Napoleon (Direct Rule)
- Empire of Napoleon (Dependent States)
- Allies of Napoleon
- Independent States





EUROPE

IN 1815

Scale 1:20,000,000 (320 miles=1 inch)

English Miles

0 100 200 300 400

German Confederation





25 20 15 10 A 5 B 0 C 5 D 10 E

EUROPE

after the
CONGRESS OF BERLIN

Scale 1:20,000,000 (320 miles=inch)

English Miles

0 100 200 300 400

German Empire



A 5 B 0 C 5 D 10 E East from



EUROPE

on the eve of the GREAT WAR

1914

Scale 1:20,000,000 (320 miles - 1 inch)

Statute Miles

0 100 200 300 400



20 G 25 H 30 I 35 J 40 K 45 L 50 55



EUROPE

according to the
Peace Treaties of
1919-1921

Scale: 20,000,000 (320 miles 1 inch)

Statute Miles

0 100 200 300 400



Acquisitions effected by the Peace Treaties of 1919-1921.

- | | |
|--|--|
| by France (from Germany) | by Rumania (from Austria-Hungary) |
| " Belgium (from Germany) | " " (from Russia) |
| " Italy (from Austria) | Bound. of Mandates assigned to Britain |
| " Denmark (from Germany) | " Mandate " " France |
| " Togo-Sudan (from Austria-Hungary & Bulgaria) | Poland (from Germany) |
| " Greece (from Bulgaria) | " (from Russia) |
| " Greece (from Turkey) | " (from Austria-Hungary) |

Territory under control of League of Nations left white

International Boundaries (defined by Treaty).

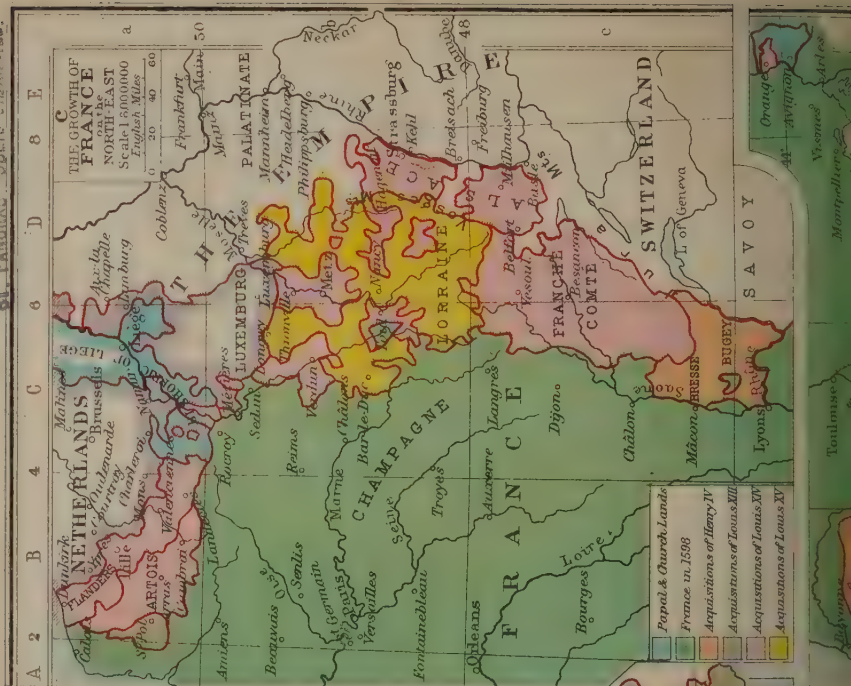
..... " rendered obsolete by the new Peace Treaties.

Rivers Internationalized in 1919, Rhine, Danube (from Ulm to Sea), Elbe, Oder & Vistula.

P.A. Plebiscite Areas (coloured solid blue)









ITALY

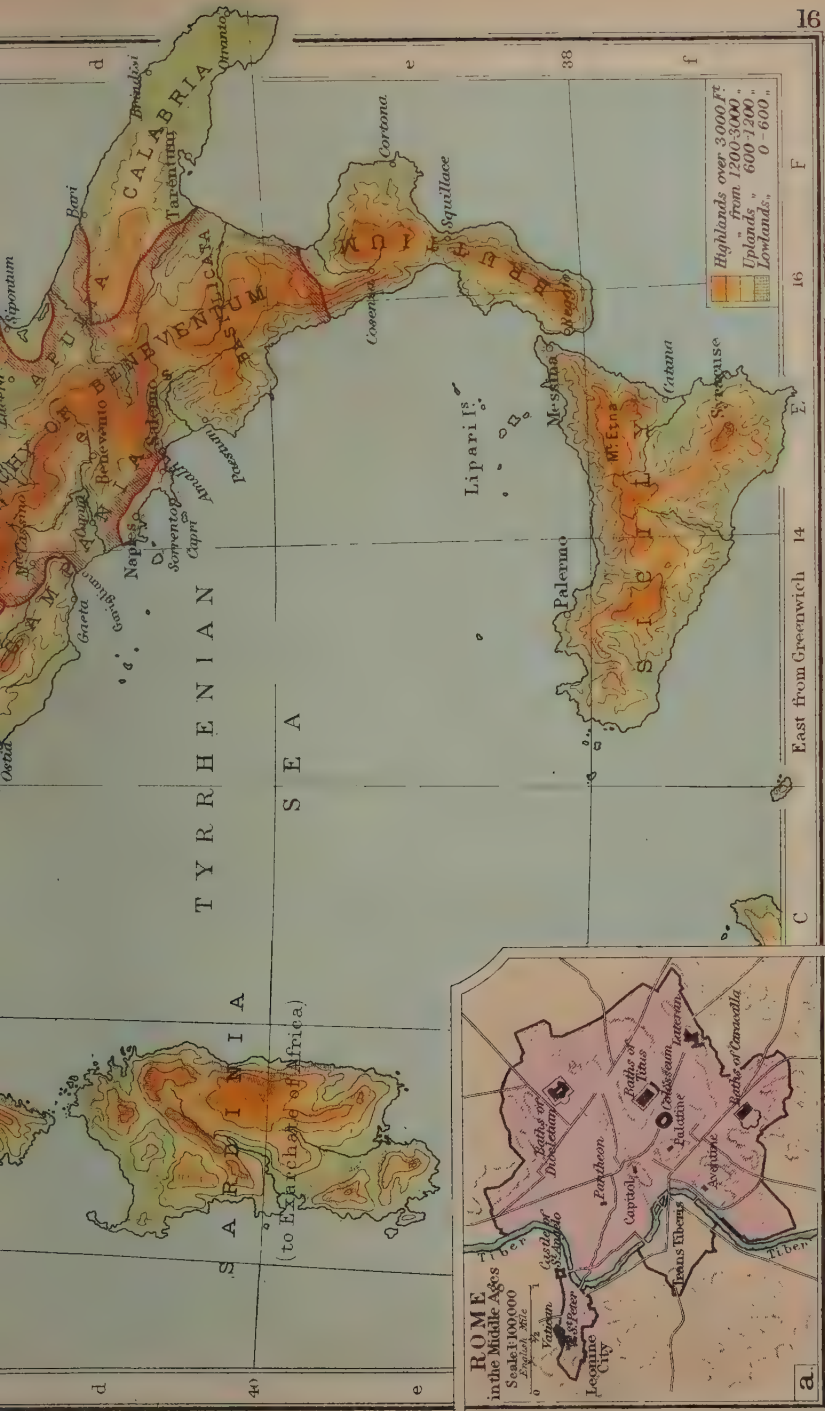
about 600 AD.

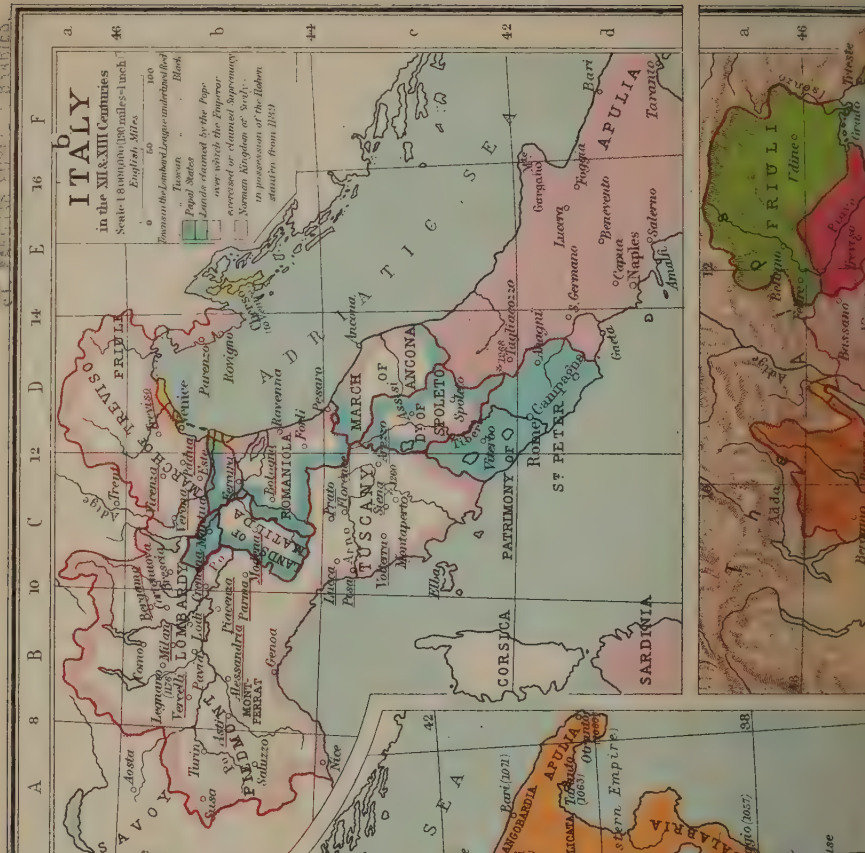
Scale 1:500000 (80 miles - 1 inch)

English Miles

0 50 100
 Lombard Territories
 Other lands owed nominal
 allegiance to the Eastern Empire.













10 A 8 B 6 C 4 D

BAY OF BISCAY

a

42

b

40

38

d

36

Highlands over 3000 Ft
from 1200-3000
Uplands 600-1200
Lowlands 0-600

8 B C 4 D

MEDITERRANEAN



THE NETHERLANDS

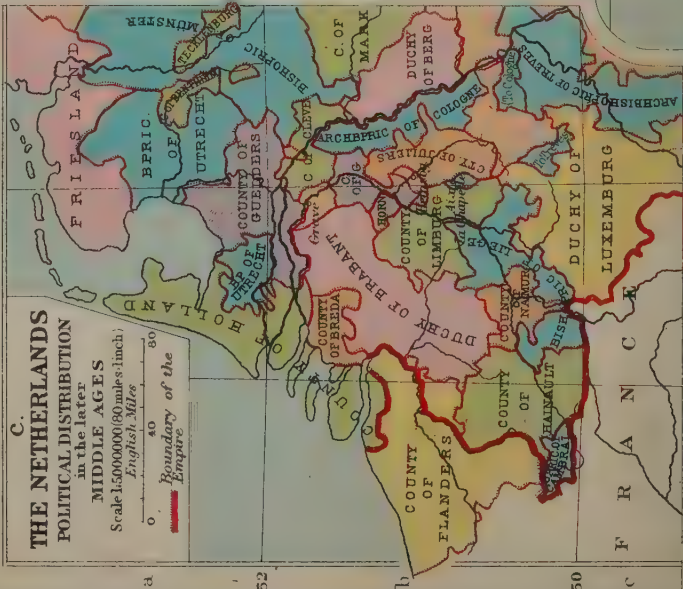
POLITICAL DISTRIBUTION

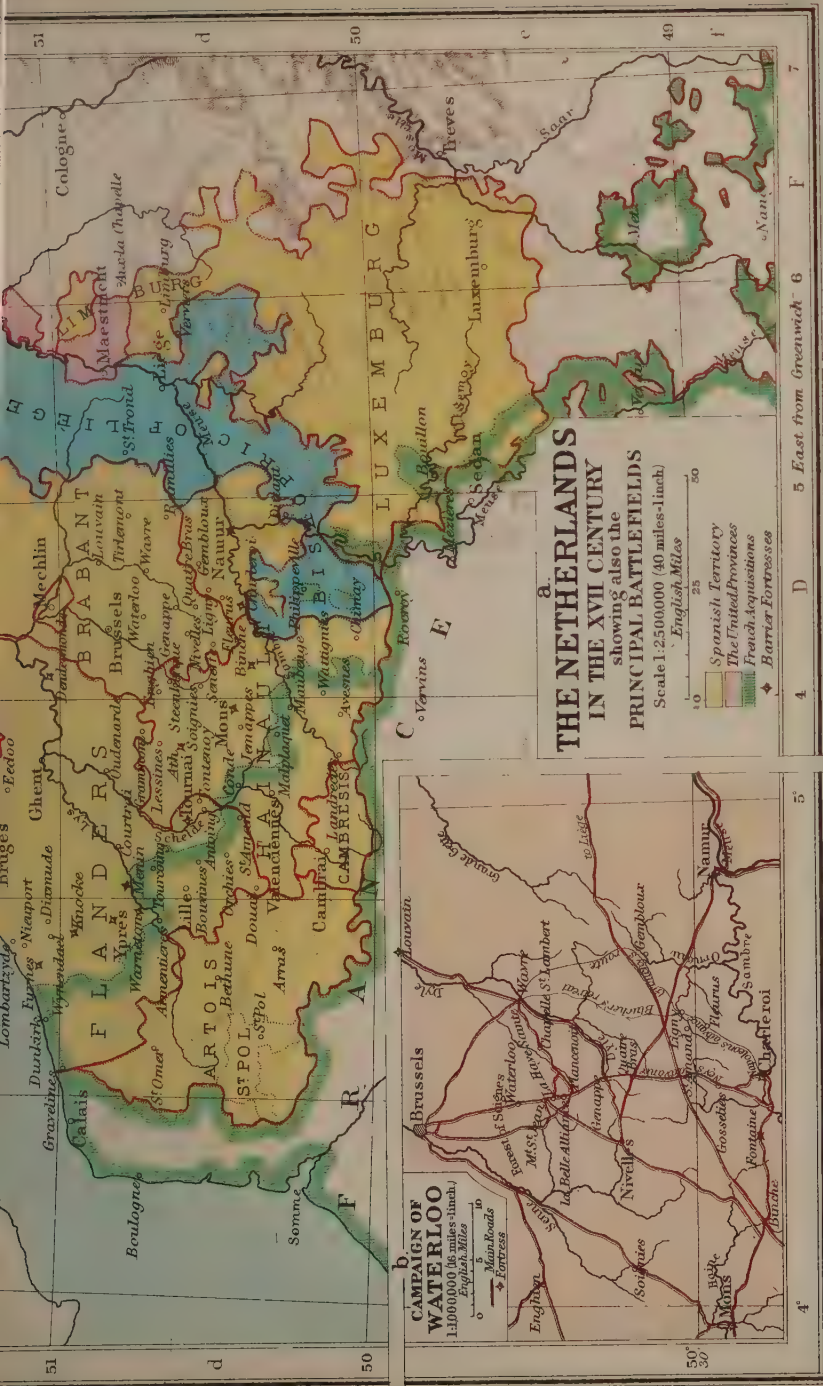
in the latter
MIDDLE AGES

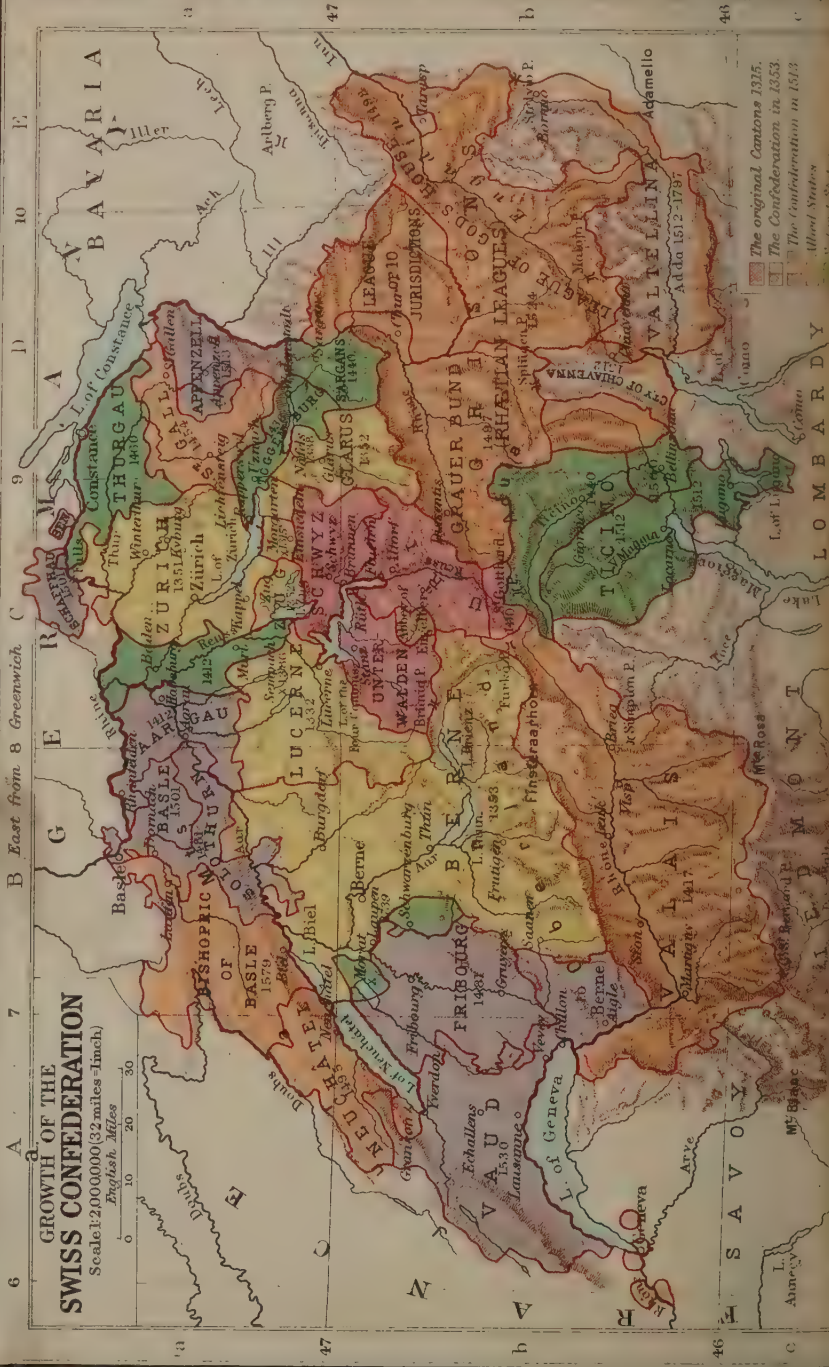
Scale 1:500,000 (80 miles: 1 inch)

English, Miles

Boundary of the
Empire

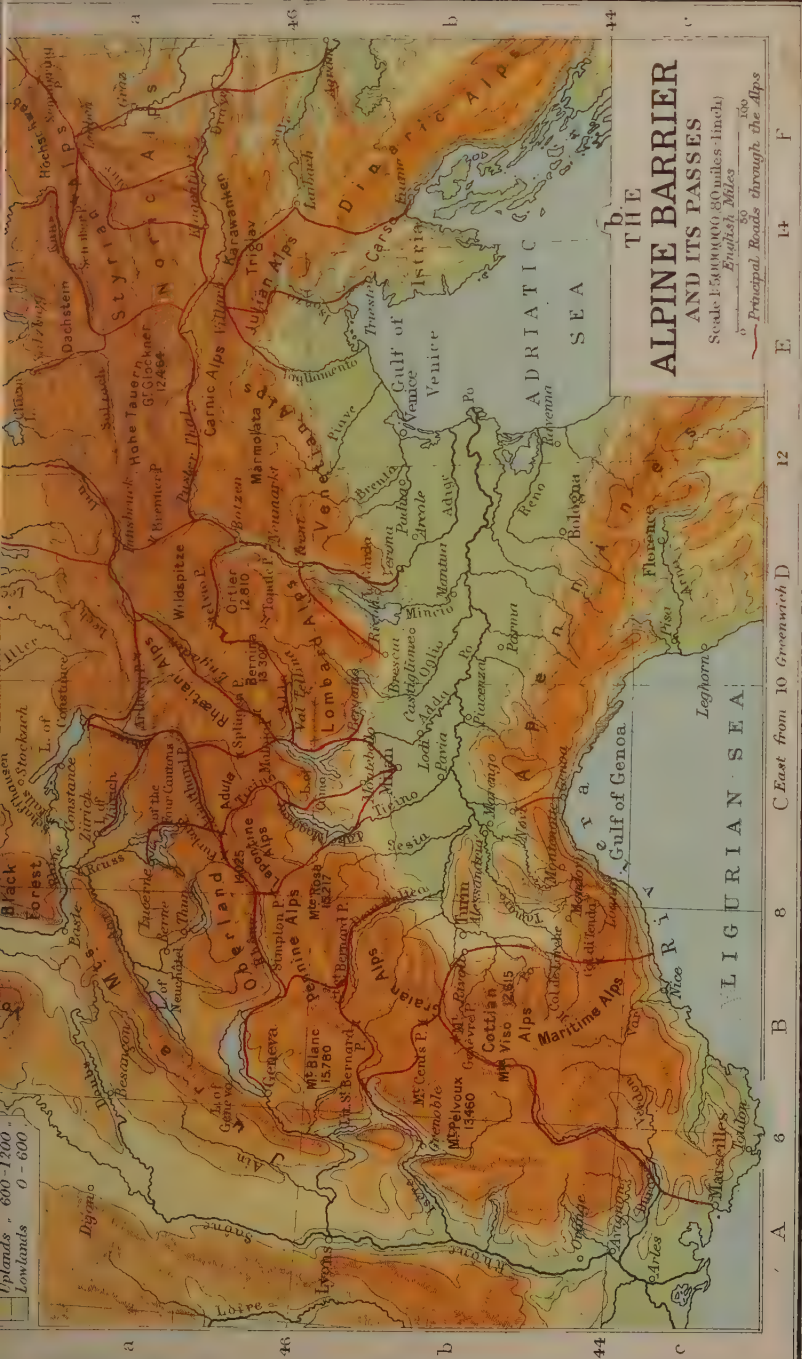






**GROWTH OF THE
SWISS CONFEDERATION**
Scale 1:2000000 (32 miles = 1 inch)
English Miles

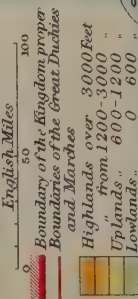
The original Cantons 1291.
 The Confederation in 1353.
 The Confederation in 1513.
 Allied States

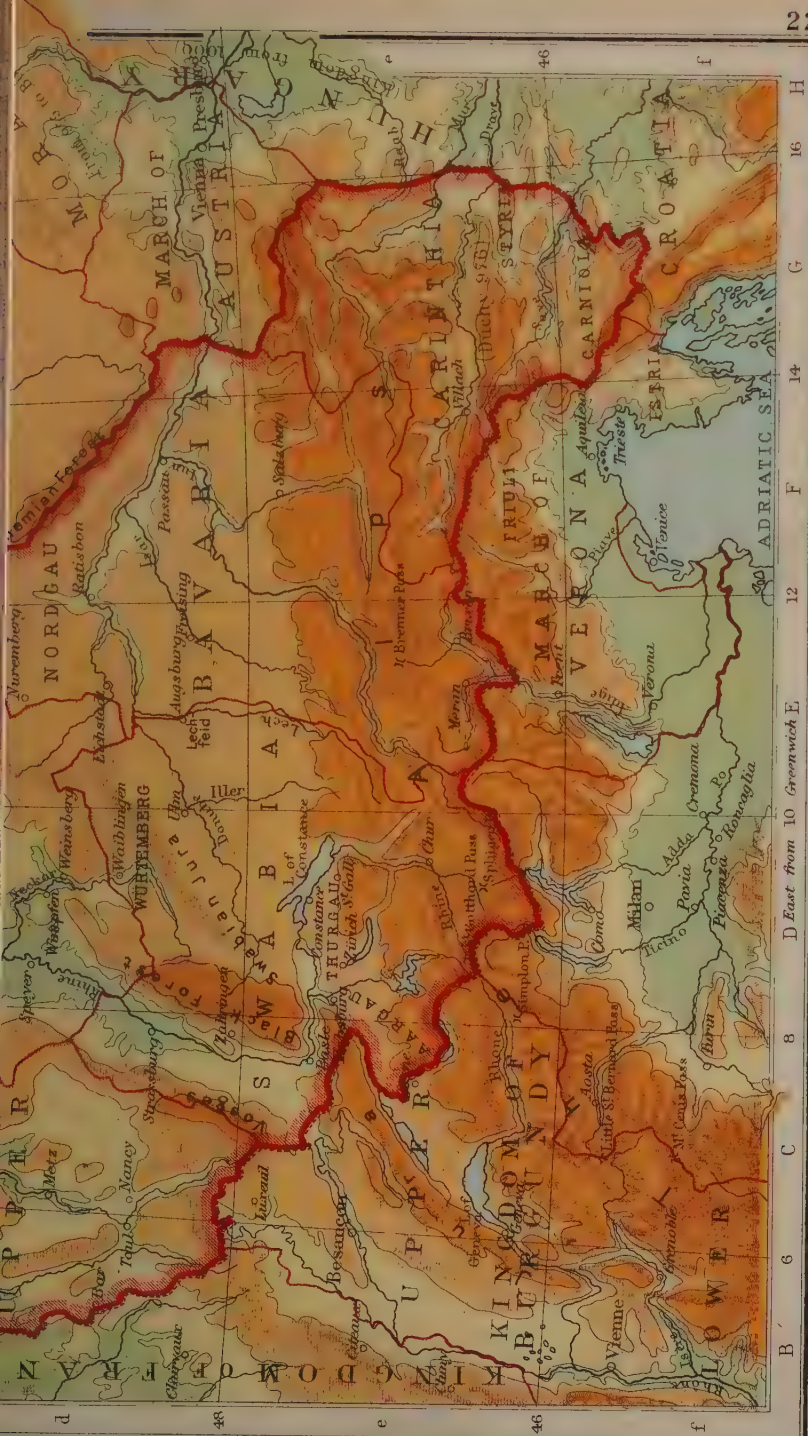


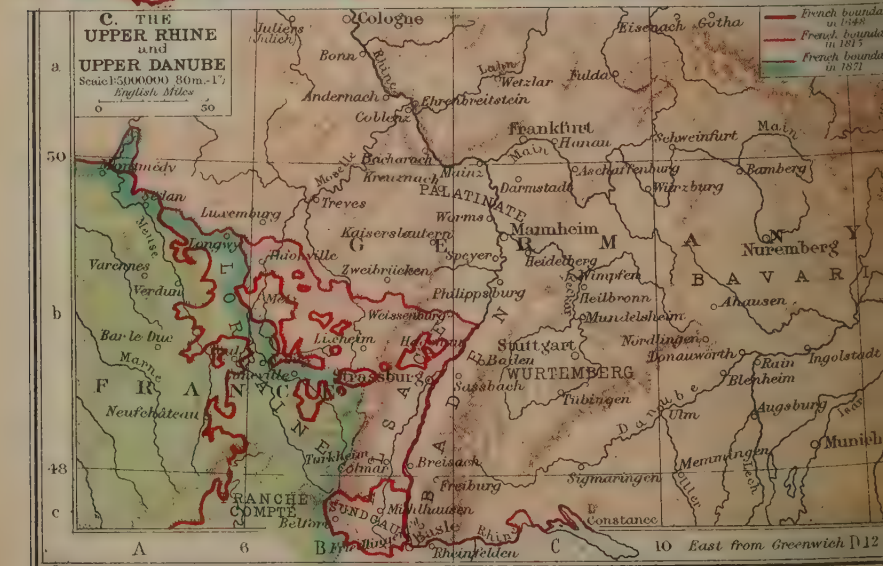
GERMANY

about the Year 962 A.D.

Scale 1:5,000,000 (80 miles=1 inch)





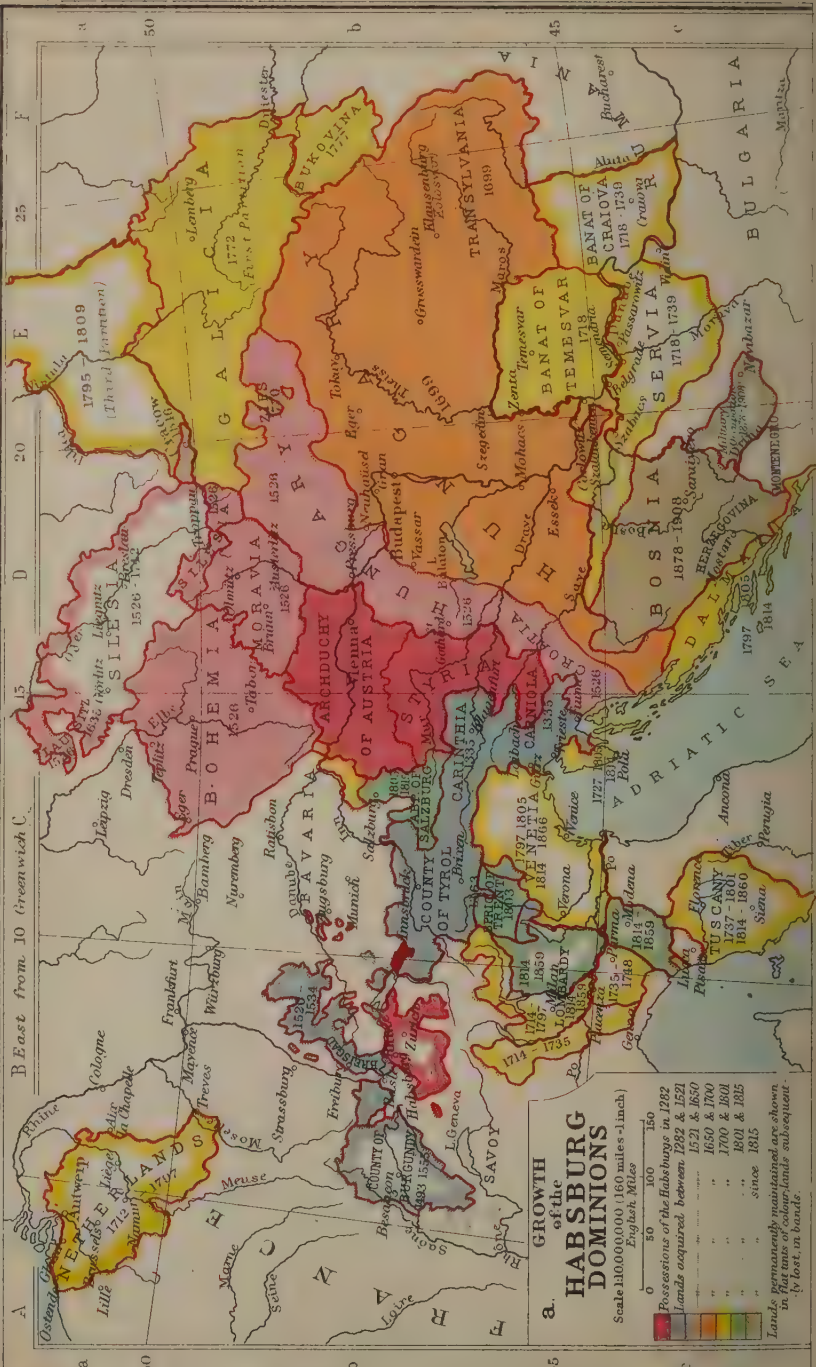


A horizontal number line with arrows at both ends. It has three tick marks labeled 50, 100, and 150 from left to right.









a. GROWTH of the HABSBURG DOMINIONS
 Scale 1:100,000,000 (1:60 miles = 1 inch.)
 English, Miles

0	50	100	150
Possessions of the Habsburgs in 1282			
Lands acquired between 1282 & 1521			
Lands acquired between 1521 & 1650			
Lands acquired between 1650 & 1700			
Lands acquired between 1700 & 1801			
Lands acquired since 1801			
Lands permanently maintained are shown in flat tints of color; lands subsequently lost in bands			

10 A 15 B 20 C 25 D 30 E 35 F 40 G 45



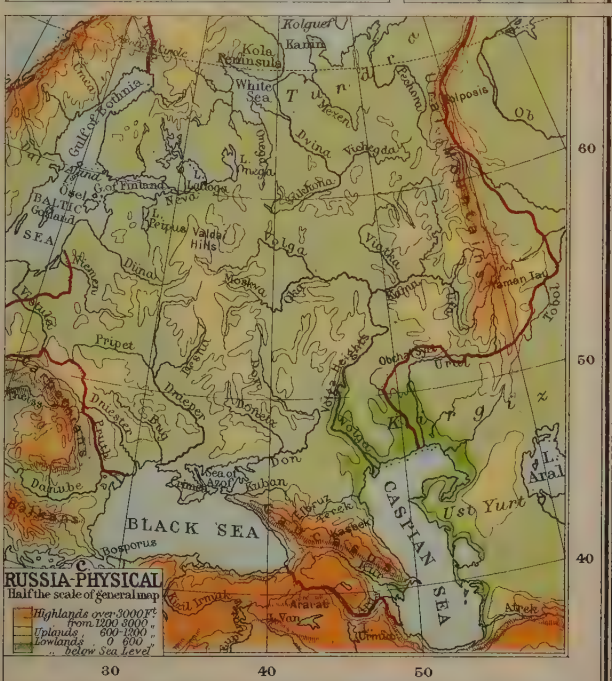
B 20 C 25 D East from 30 Greenwich E 35 F

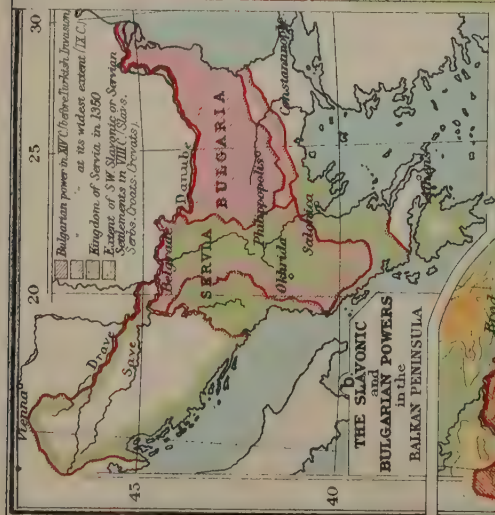




GROWTH OF THE RUSSIAN EMPIRE IN EUROPE

Scale 1:20,000,000 (320 miles 1 inch)
English Miles

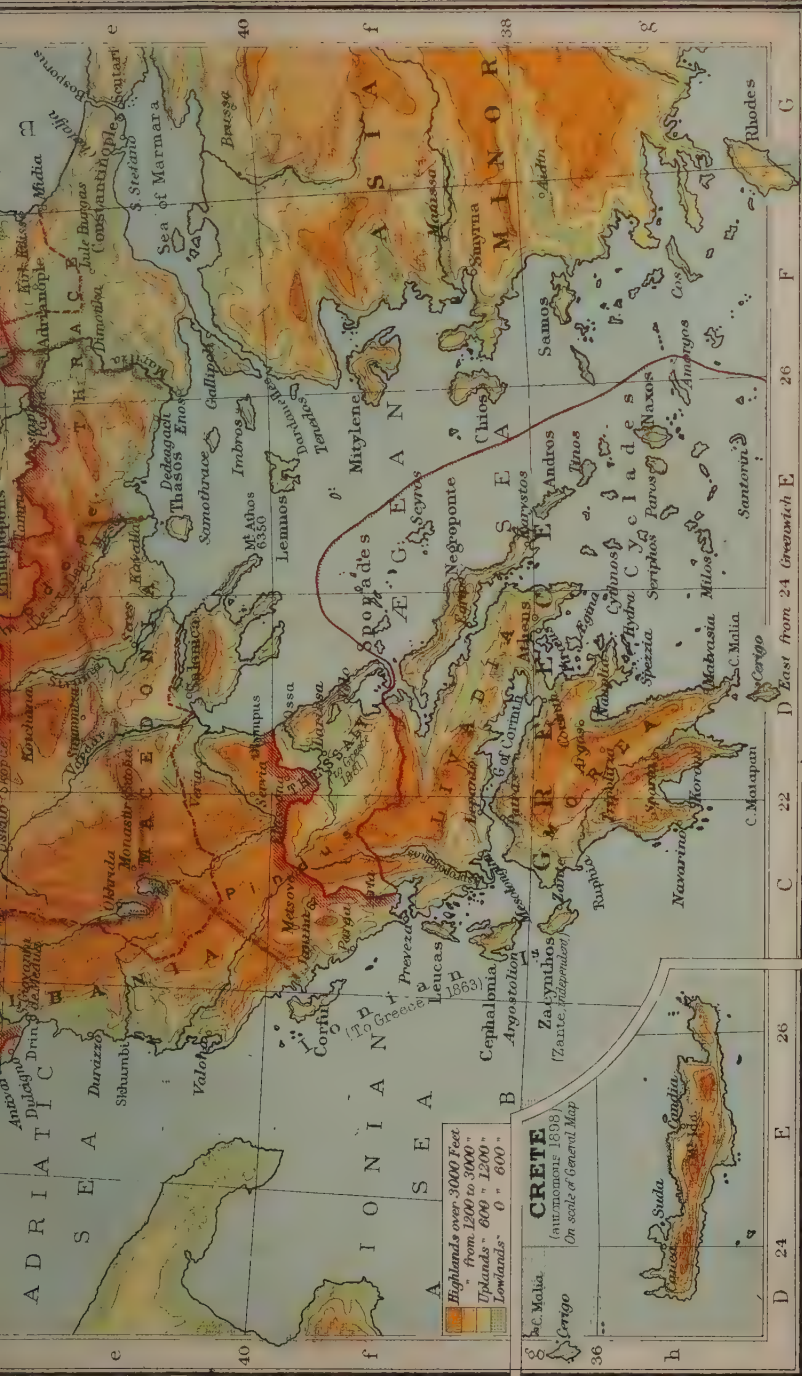




THE BALKAN PENINSULA
 Scale 1:6,000,000 (100 miles = 1 inch)
 English Miles

Legend:
 ■ Ottoman boundary in 1900
 ■ Ottoman boundary in 1900
 ■ Boundaries of dependent or independent states created by Treaty of 1835-1868
 --- Boundaries proposed by Treaty of San Stefano 1878, amended by Treaty of Berlin 1878
 ■ Boundaries of the Balkan States as modified by the Treaties of London and Bucharest 1913 and by subsequent agreements



















	Sea 0-600 Feet (1000 Fathoms)
	" 600-6000 Feet 10000 Faths
	" below 6000 Feet
	Lands under direct rule of Empire.
	Lands owing suzerainty to Empire.
	The great English Empires at the death of Edward the Confessor.
	The lands of William of Normandy.
	" Dependencies.

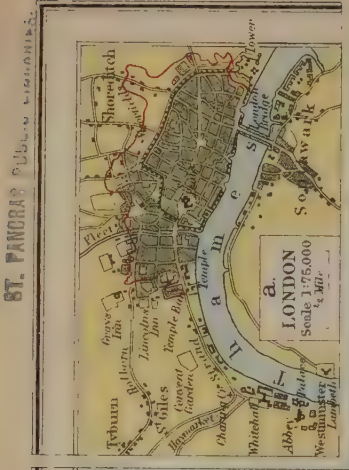
A 5 B 4 C 3 2 1 F

MEDIAEVAL

ENGLAND & WALES

Scale 1:2,500,000 (40 miles-1 inch)
English Miles

- Boroughs returning Members to Parliament
- Principal Castles
- Boroughs with Castles
- The Viking Ports are underlined in black*



Isle of Man

I R I S H S E A

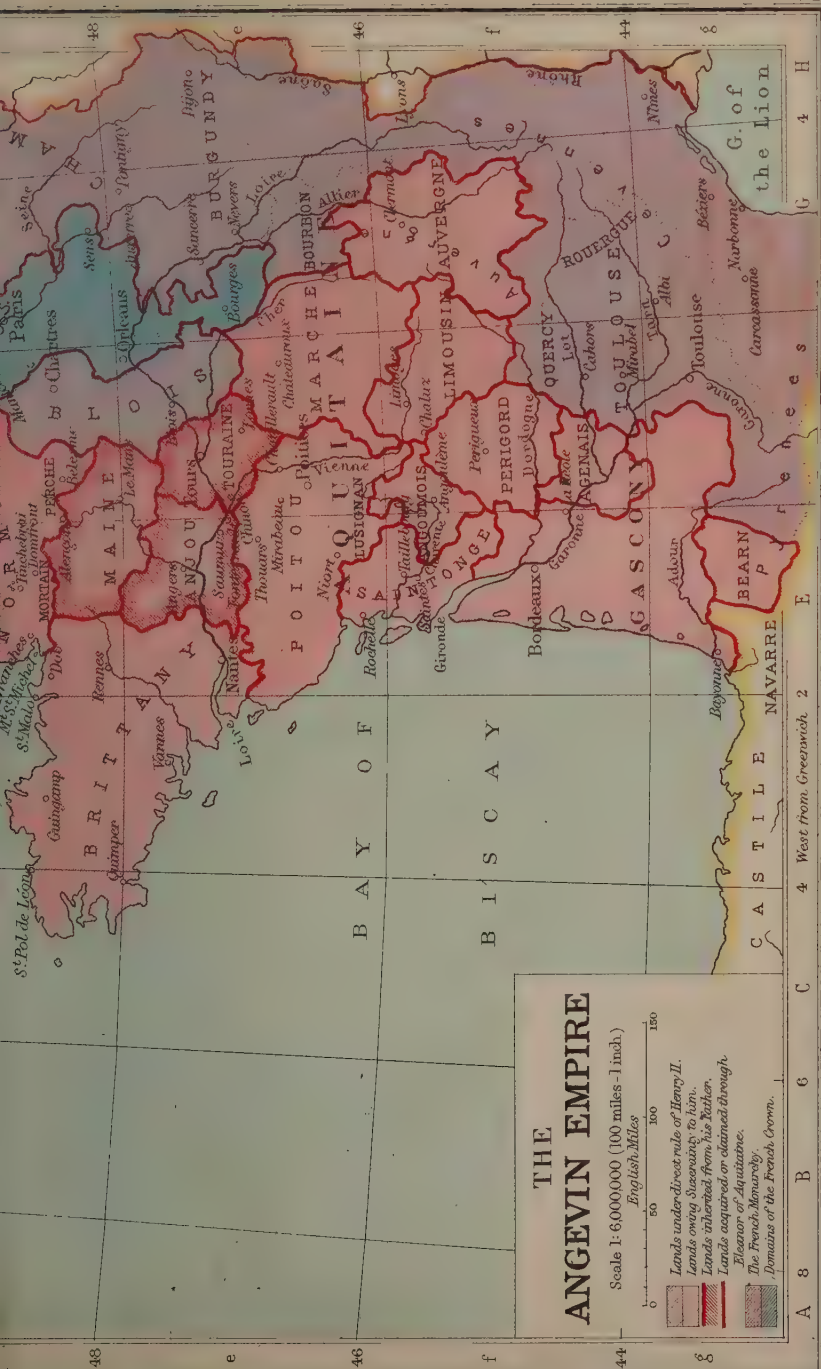


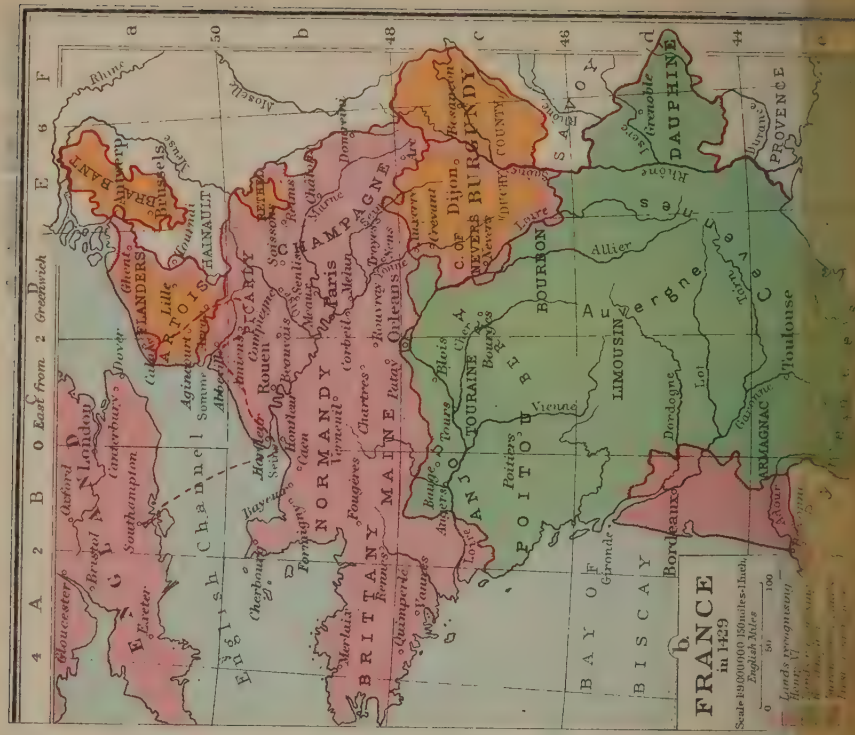
Scale of Miles and Furlongs

Scale of Miles and Furlongs

Scale of Miles and Furlongs











The boundaries of Old Bishoprics are shown in colours and named thus
 The boundaries of New Bishoprics created by Henry VIII are shown by broad red lines & named thus

Abbi Episcopal Sees York
 Episcopal Sees Ely
 Parliamentary Abbeys represented in the House of Lords
 Greater Monasteries dissolved 1539
 Other Monasteries
 In many towns there were several Monastic Houses. The figure placed after the name represents the number.





**ECCLESIASTICAL
ENGLAND**
to the time of
HENRY VIII

Scale 1:3000000 (50 miles - 1 inch)
English Miles

0 10 20 30 40 50

2 G East from 1 Greenwich H

0 E West from 1 Greenwich F

2 D

3 C

4 B

A

ENGLAND during the CIVIL WAR a.

Scale 1:400,000 (64 miles-1 in)
English Miles

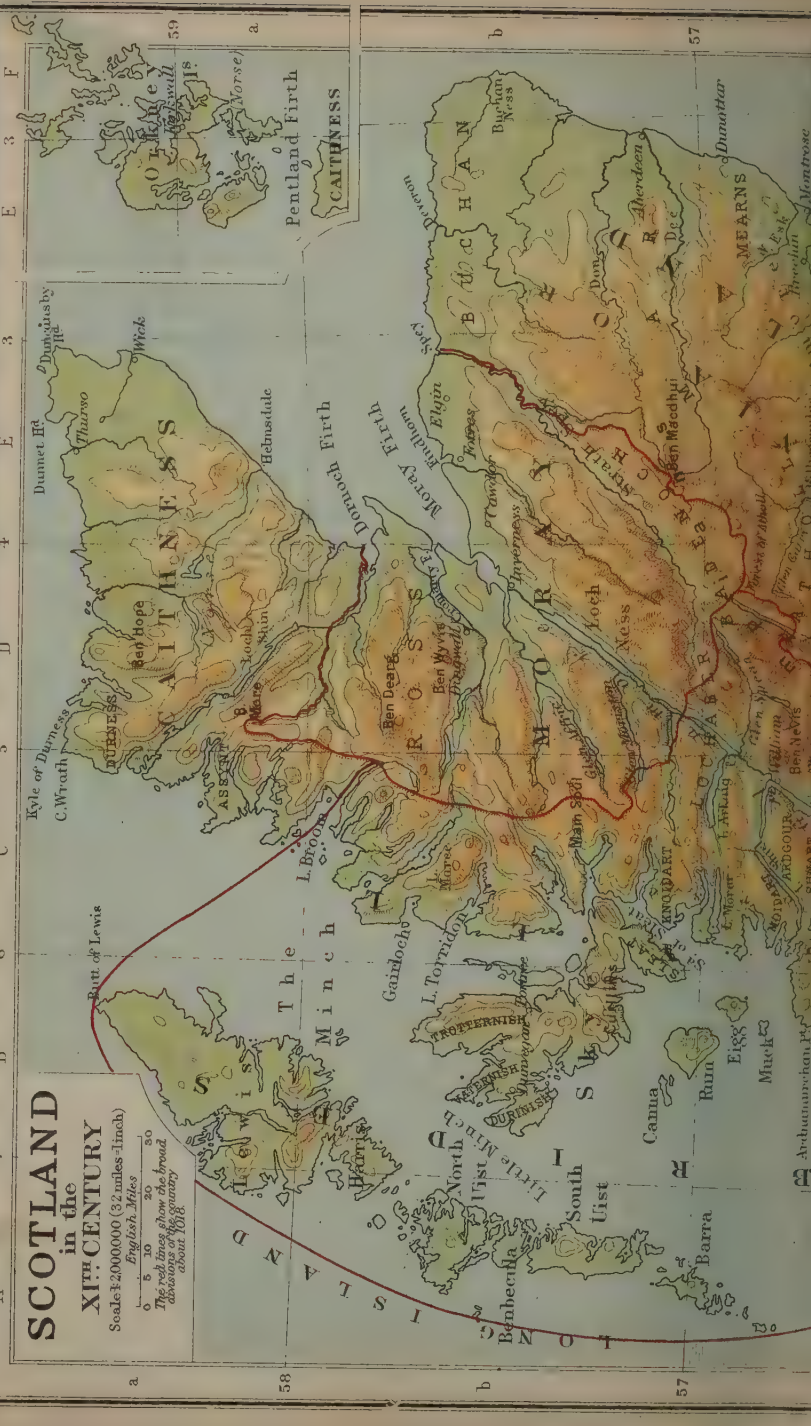
- Districts controlled by the King throughout the campaign of 1643
- Districts controlled by Parliament throughout the campaign of 1643
- Districts conquered by the King during the campaign of 1643
- Districts conquered by Parliament during the campaign of 1643





SCOTLAND in the XIX CENTURY

Scale 1:2000000 (32 miles - 1 inch)
English Miles
0 5 10 20 30
The red lines show the broad
divisions of the country
about 1818.





Scale 1:3000000 (50 miles = 1 inch)
English Miles

Graham Clans which joined Montrose
Campbell Clans which actively
 opposed him
 The "Highland Line" (the
 division between Highlands & Lowlands)



SCOTLAND
since
THE RESTORATION

Scale 1:3000000 (50 miles=inch)
English Miles

A horizontal number line with arrows at both ends. It is marked with the numbers 0, 10, 20, 30, and 40.

→ *Route of the Young Pretender 1745* 6

B Most of the shire divisions as shown
te back at least to the 14th century.
e modern divisions were completed
the reign of James VI (James I of
ngland) when Caithness, Sutherland,
Mary and Ross were cut off from
verities.



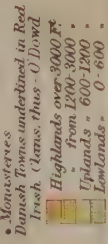


IRELAND before the ENGLISH INVASION

Scale 1:200,000 (32 miles - inch)

English Miles

- Bishopsricks existing in 1150
- Monasteries
- Danish Towns underlined in Red



A 10 B 9 C West from 8 Greenwich D 7 E 6 F

10 8 6
b.
THE ENGLISH PLANTATION OF IRELAND
 in the XVIIth & XVIIIth Cent.
 1:100,000 1:250,000



Approximate area of English plantation in the XVIIth & XVIIIth Cent. in the English system at the end of the reign of Henry VIII.
 South of the line, the English system of the land system.
 The plantation of Ulster.
 Other Stuart plantations.

a.
IRELAND
 IN THE
MIDDLE AGES

showing
PRINCIPAL FAMILIES
AND CLANS
 Scale 1:3,000,000 (50 miles=1 inch)
 English Miles
 0 10 20 30 40



Norman Families thus
 Irish Clans
 Boundary of the Pale in
 the 14th Century
 Castles & Boroughs



UNITED KINGDOM
PARLIAMENTARY REPRESENTATION
BEFORE 1832

Scale 1:4,500,000 (75 miles = 1 inch.)
English Miles

B 8 C 6 D West from 4 Greenwich E 2 F 0 G

a.

ENGLAND

before the
INDUSTRIAL REVOLUTION
c. 1701

Scale 1:4,000,000 (64 miles-1 inch)
English Miles

Population to the Square Mile

under 32 inhabitants	
33 - 64	
65 - 128	
129 - 256	
257 - 512	
over 512	

- Towns under 10,000 inhabitants
● " 10,000 - 20,000
● " 20,000 - 100,000
● " 100,000 - 300,000
■ over 300,000

Principal Industries

- C Cotton W Woollen
L Linen S Silk
I Iron & Steel P Pottery
O Leather ■ Shipbuilding

- Iron ▲ Lead
● Tin ◆ Salt
⊙ Coalfields



— Main Roads in 1700.
For England in 1700 only
Estimates of the Population
are available. The Density of
the Estimated Population for
each County is shown thus (C 20)
and the colouring indicates
its probable distribution.







a.
THE WORLD
IN 1490

Legend:

- Spanish
- Portuguese
- Danish
- Russian
- Ottoman Empire

Map Labels:

- SCOTLAND
- KINGDOM OF ENGLAND & IRELAND
- FINLAND
- SWEDEN
- RUSSIA
- VIETNAMANNALAND
- INDIA
- CHINA
- SIAM
- CEYLON
- AFRICA
- PORTUGAL
- MADEIRA
- CANARY ISLANDS
- ARGENTINA
- CHILE
- PERU
- BRASIL
- PARAGUAY
- URUGUAY
- ARGENTINA
- CHILE
- PERU
- BRASIL
- PARAGUAY
- URUGUAY

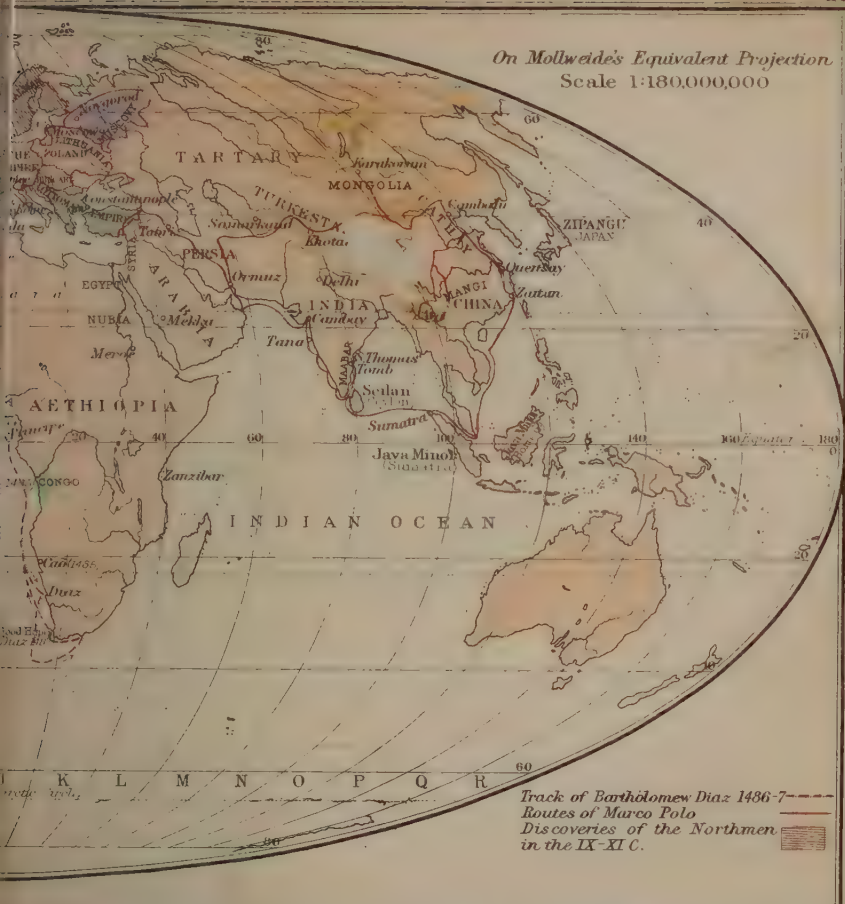
Map Features:

- Equator
- Tropic of Cancer
- Latitude lines: 20, 40, 60, 80, 100, 120, 140, 160, 180
- Longitude lines: 0, 20, 40, 60, 80, 100, 120, 140, 160, 180
- Letters: a, b, c, d, e, f, g, h, i
- Numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

b. THE WORLD according to PTOLEMY:150

Two circular maps of the world according to Ptolemy. The left map shows the Americas, with North America at the top and South America below it. The right map shows Europe, Africa, and Asia, with Europe at the top and Africa and Asia below it. Both maps are colored in shades of orange and blue, with dashed lines indicating latitude and longitude.

On Mollweide's Equivalent Projection
Scale 1:180,000,000



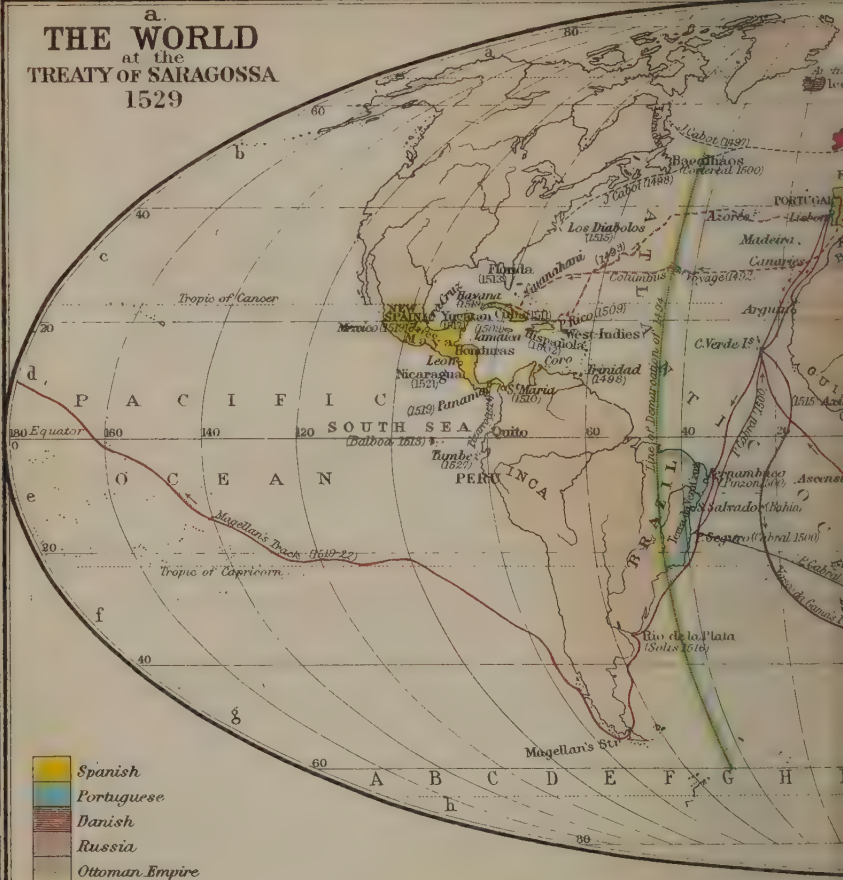
THE WORLD according to EDRISI:1154



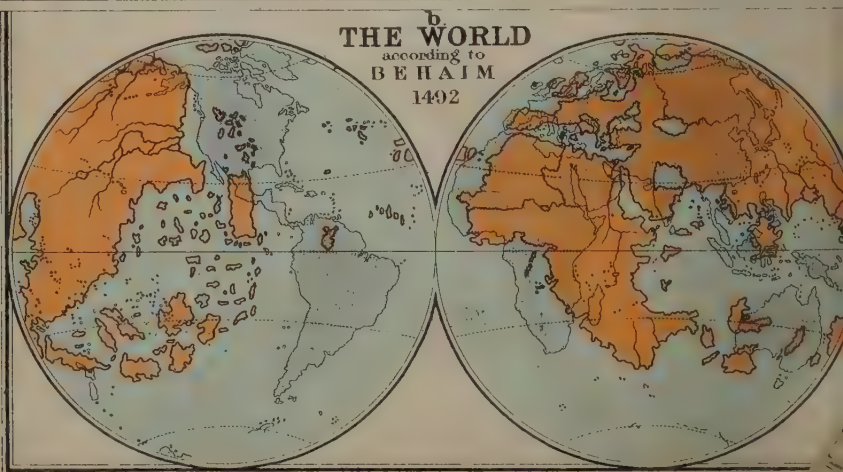
a. THE WORLD according to FRA MAURO:1459

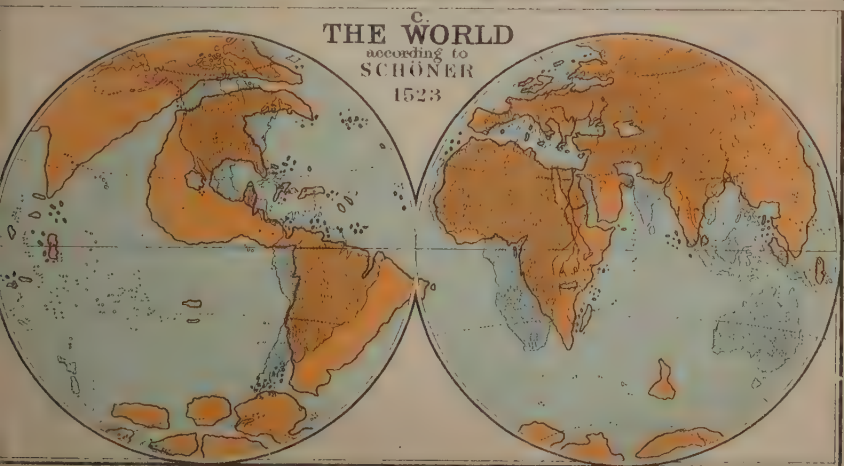
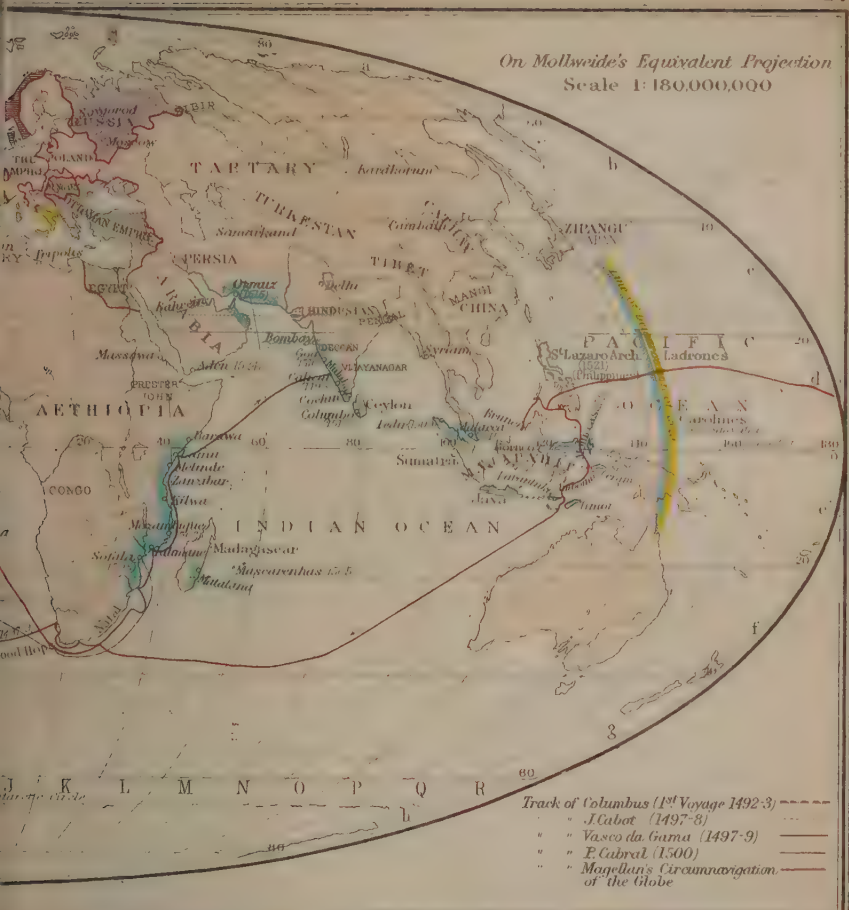


a.
THE WORLD
at the
TREATY OF SARAGOSSA
1529



b.
THE WORLD
according to
BEHAIM
1492

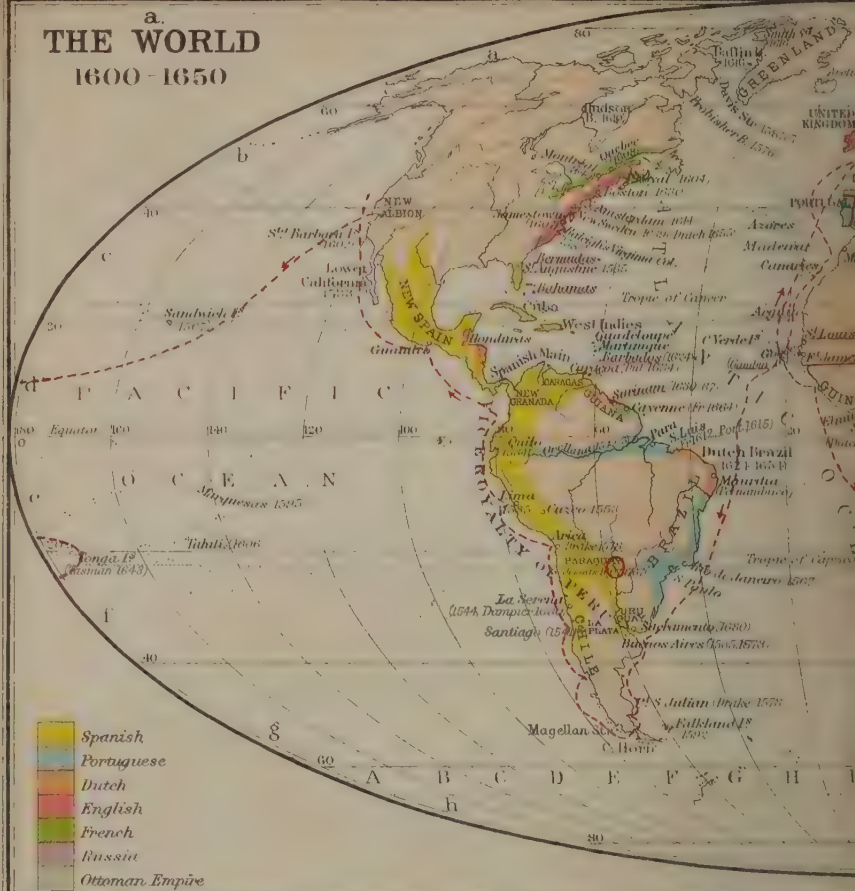




a.

THE WORLD

1600-1650

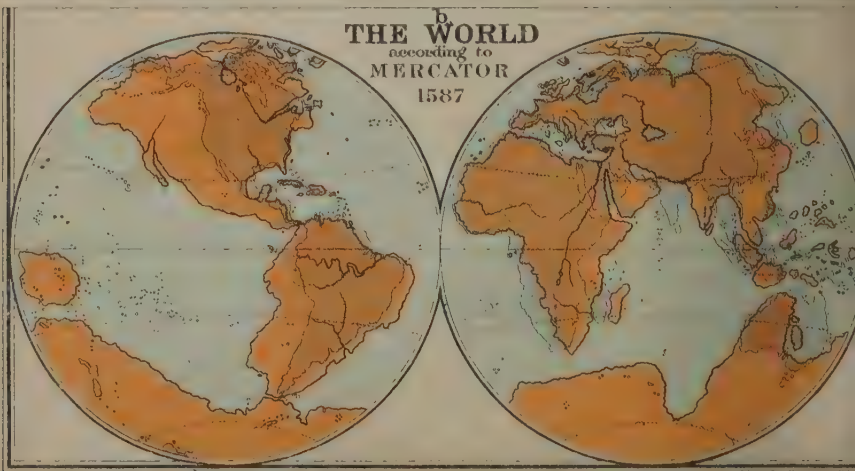


b.

THE WORLD

according to
MERCATOR

1587





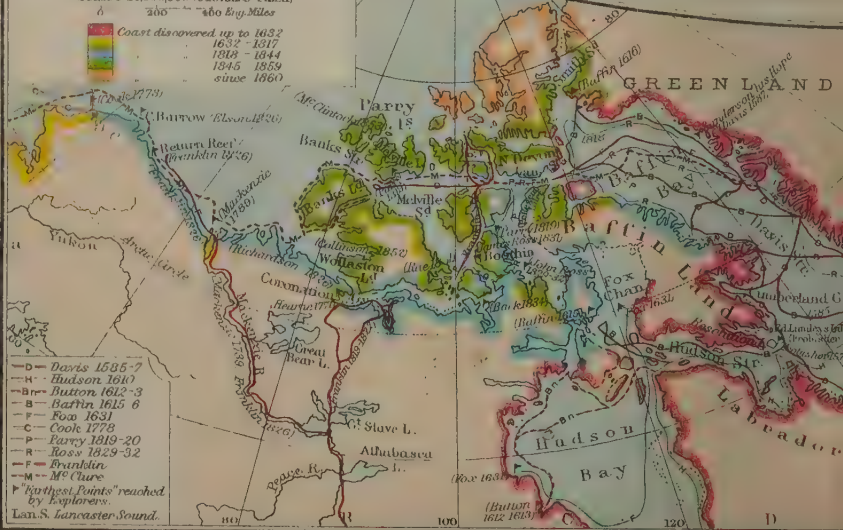
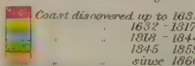
a.
THE WORLD
at the
TREATIES OF UTRECHT
1713 - 1715

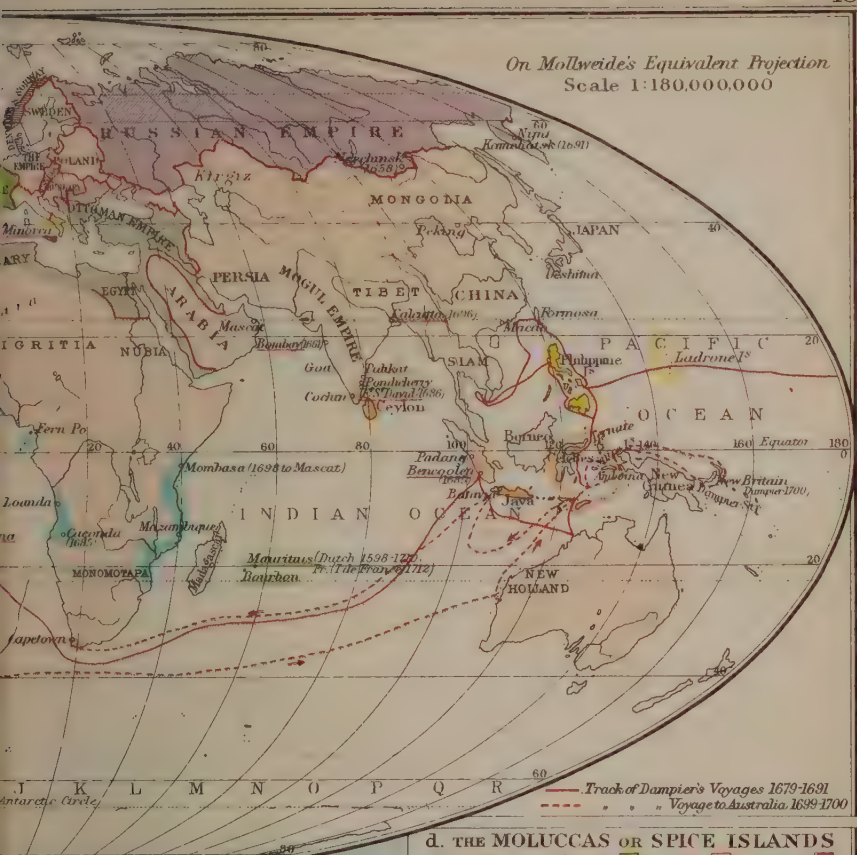


b. **THE SEARCH FOR THE N.W. PASSAGE**

Scale 1:40000000 (640 miles = 1 inch)

300 200 100 Eng. Miles



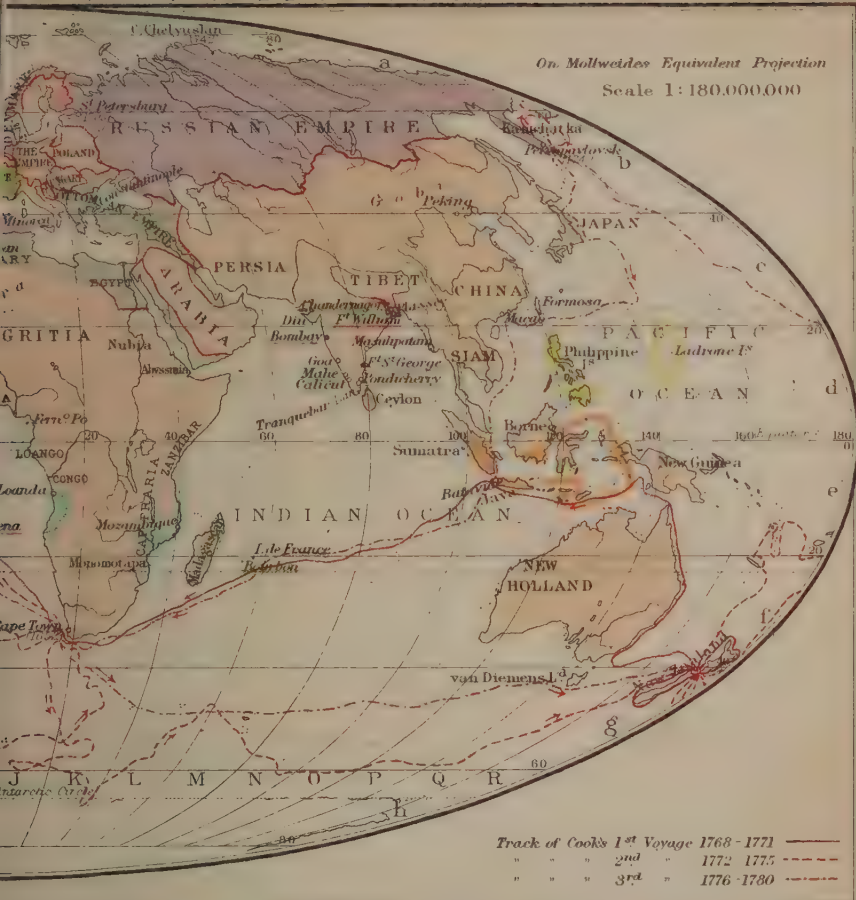


THE WORLD
at the
TREATY OF PARIS
1763

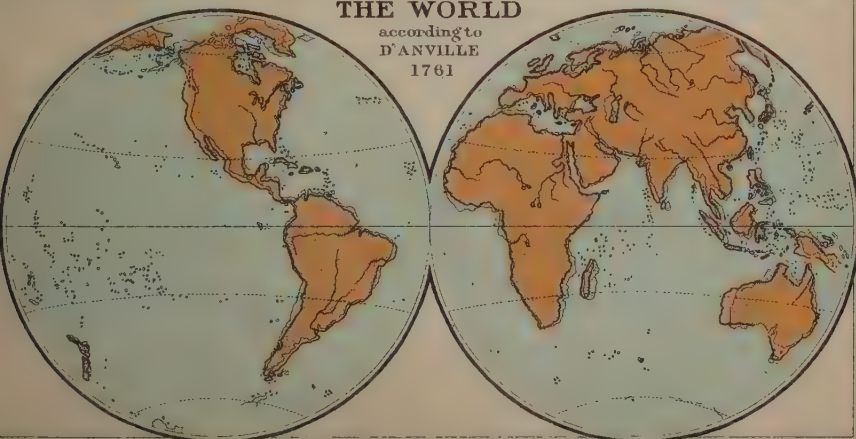
Legend:

- Spanish
- Portuguese
- Dutch
- English
- French
- Russia
- Ottoman Empire

THE WORLD
according to
HUMAN
1716

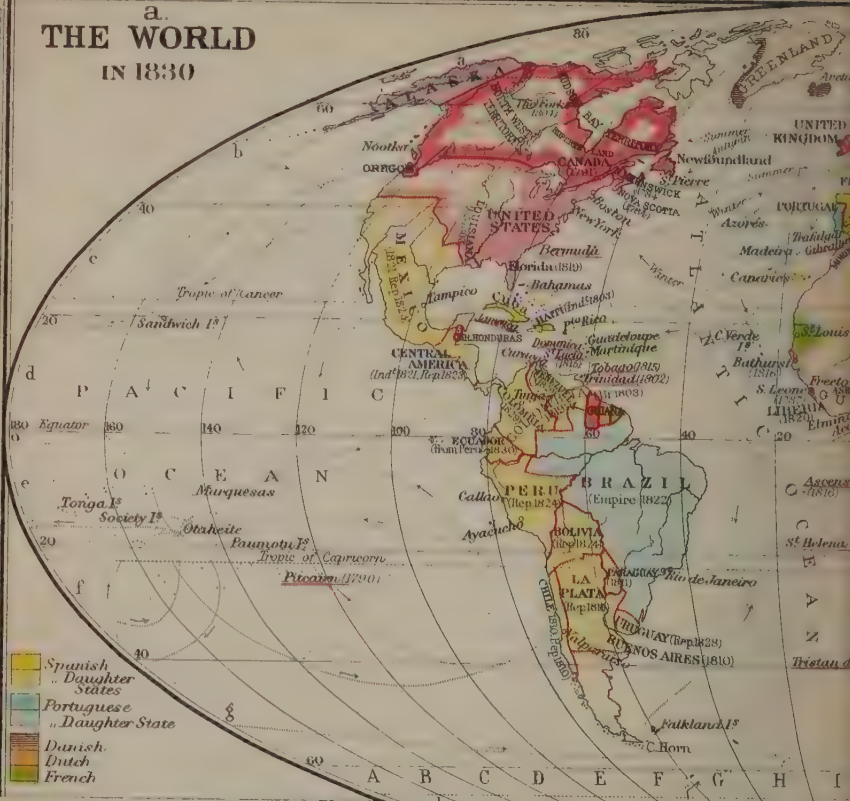


THE WORLD
according to
D'ANVILLE
1761

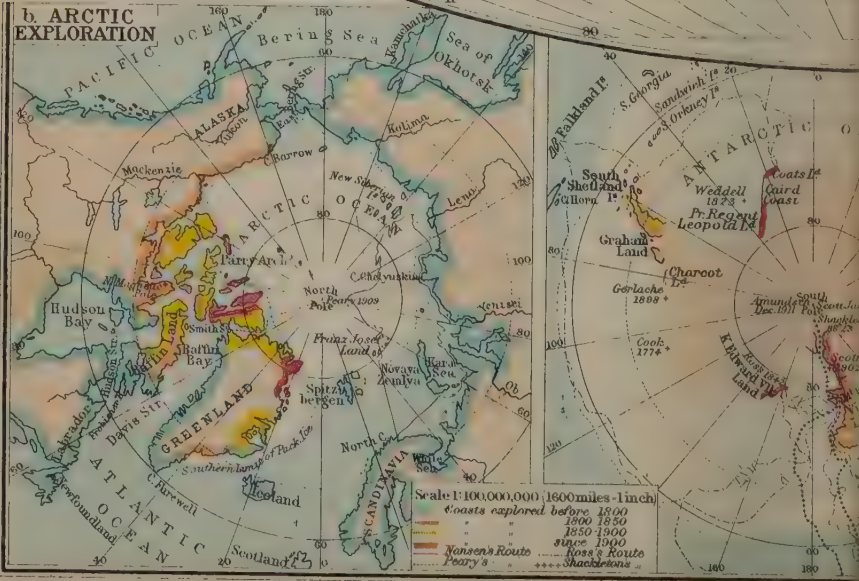


LAND PUBLIC LIBRARIES

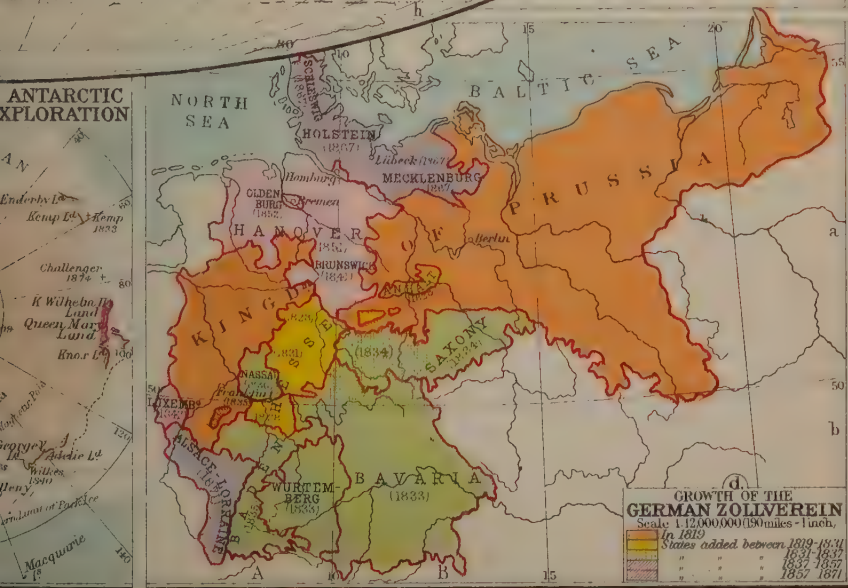
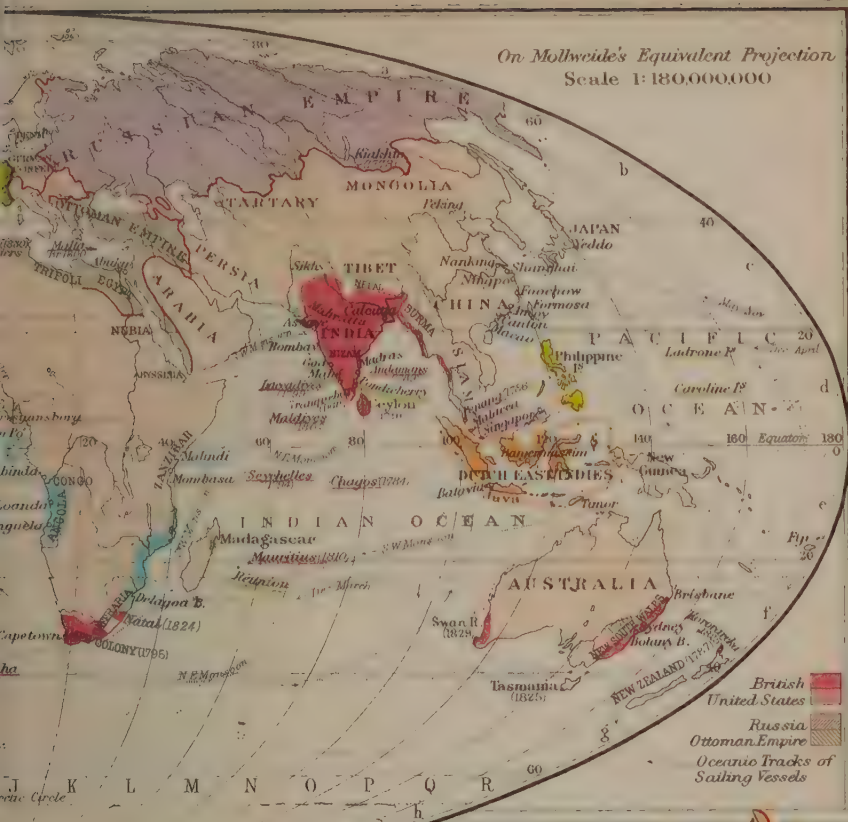
a. THE WORLD IN 1830



b. ARCTIC EXPLORATION

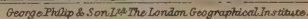
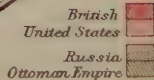


On Mollweide's Equivalent Projection
Scale 1:180,000,000



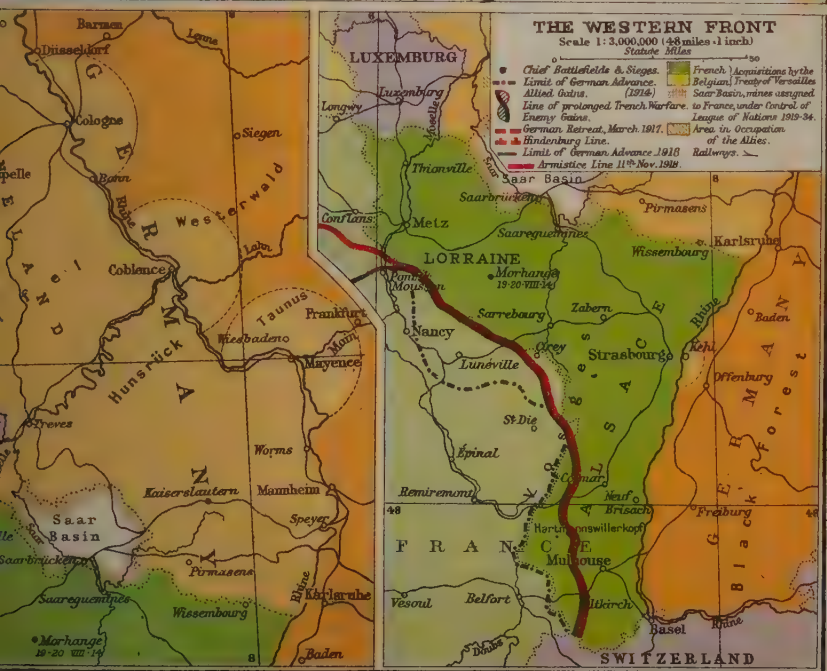
ST. HUBERT





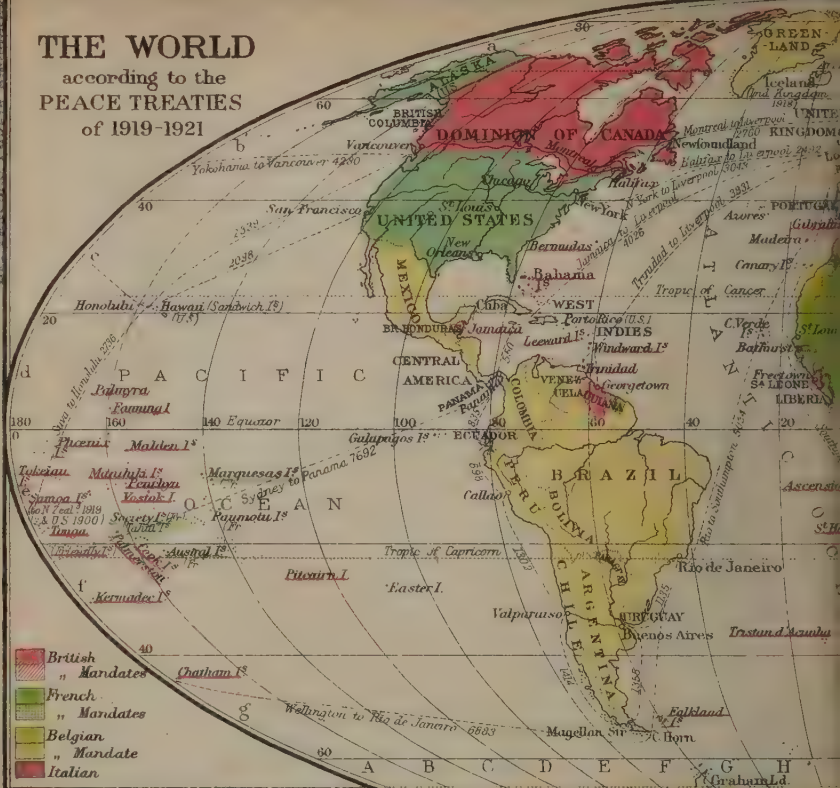
THE WORLD at the Outbreak of the GREAT WAR 1914





THE WORLD

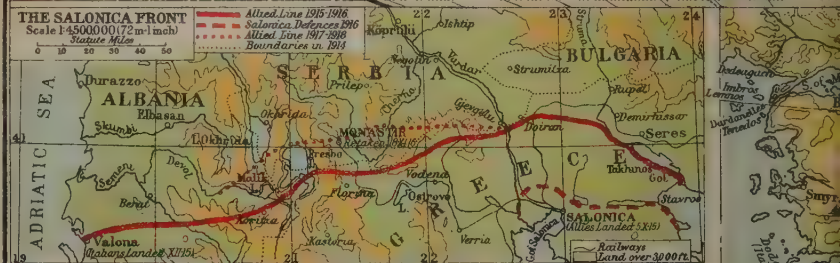
according to the
PEACE TREATIES
of 1919-1921



THE SALONICA FRONT

Scale 1:450,000 (1/2 in = 1 mile)

Statute Miles

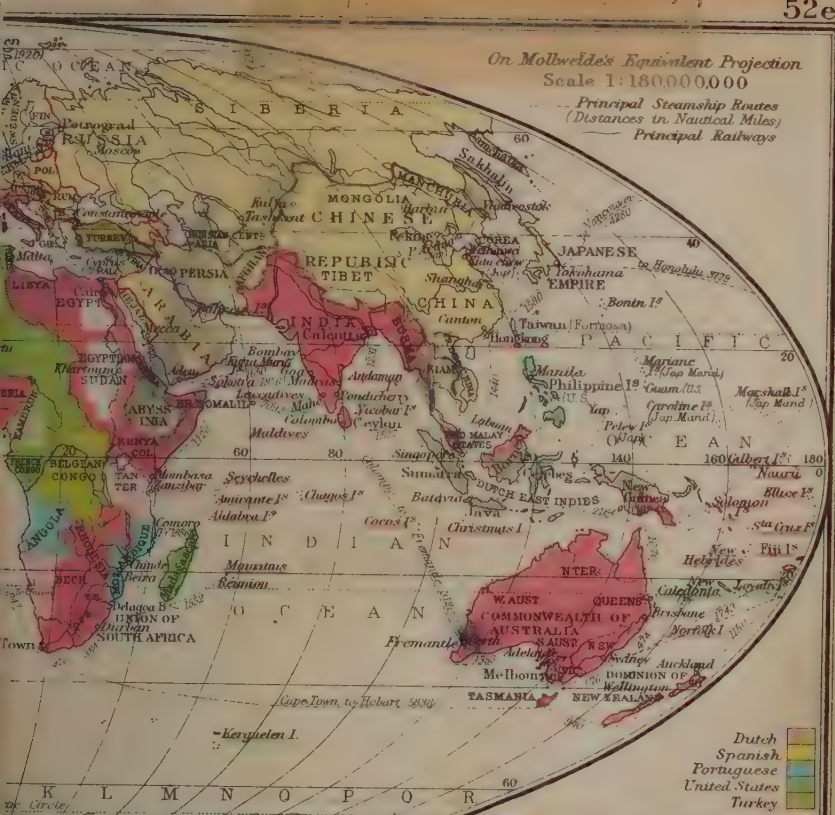


THE ITALIAN FRONT

Scale 1:3,000,000 (4 in = 1 mile)

Statute Miles







b. POLITICAL DISTRIBUTION IN 1650



c. POLITICAL DISTRIBUTION IN 1763



A

80

B

75

C

70

English Settlements c.1700

French

English Territory claimed

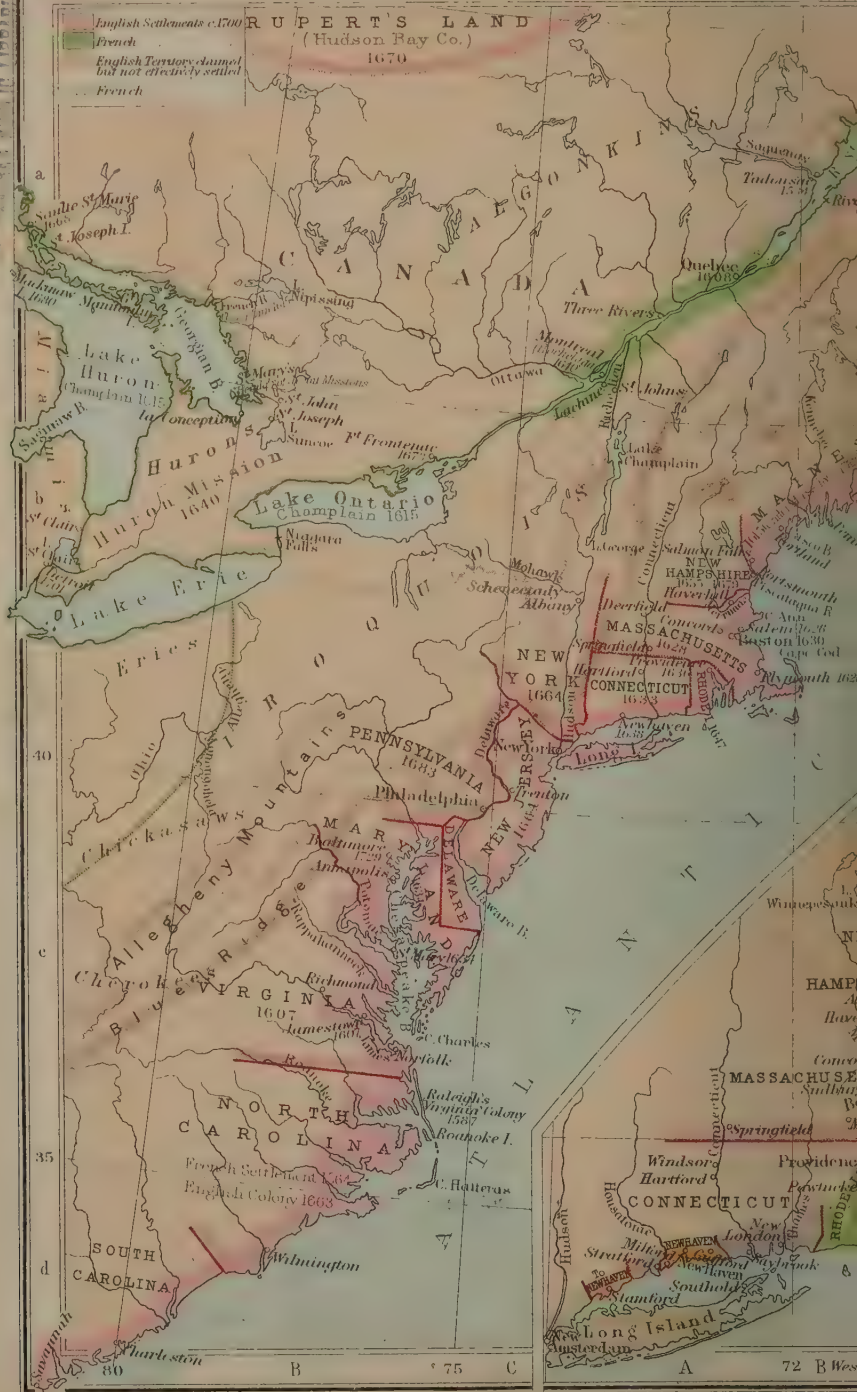
but not effectively settled

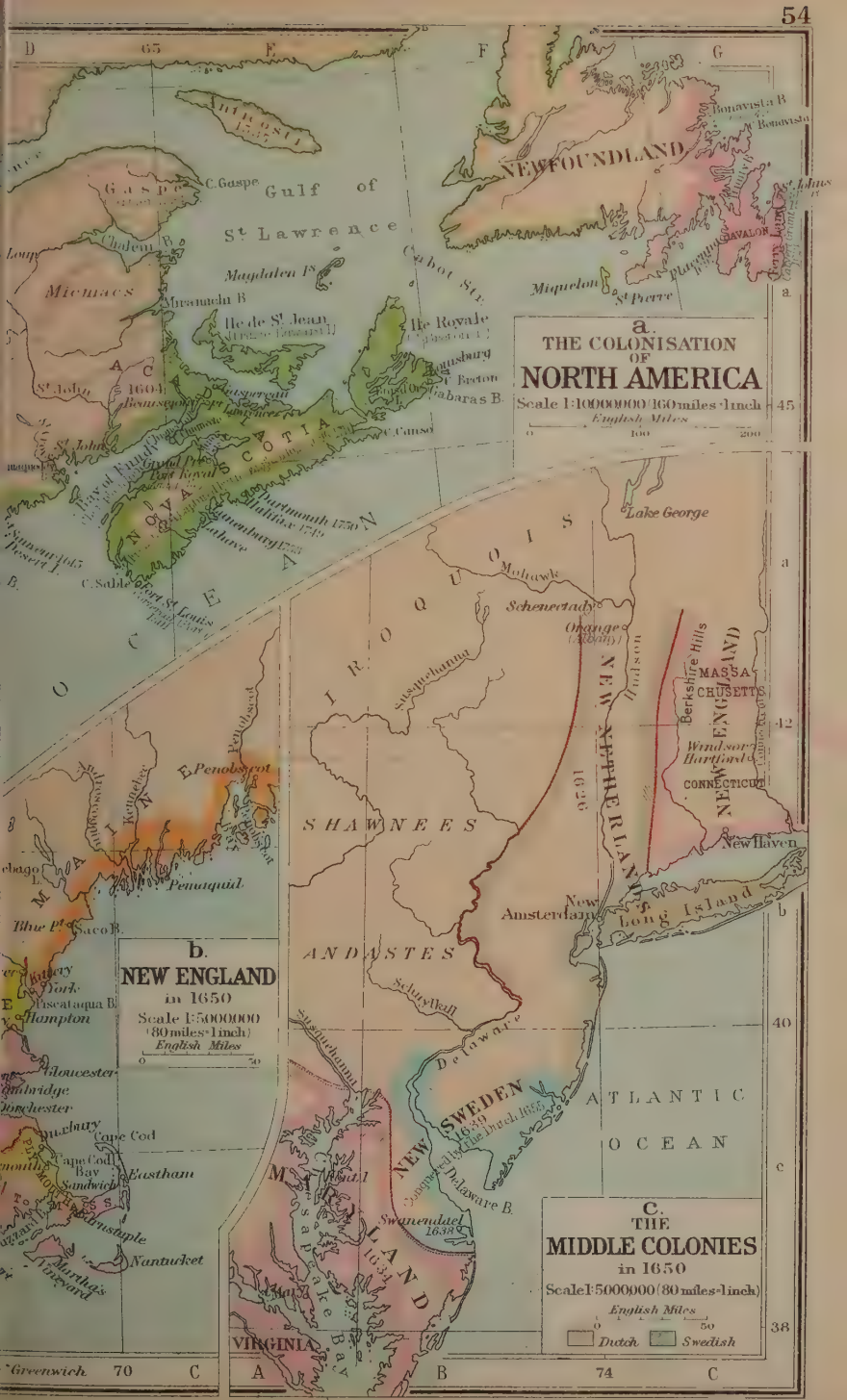
French

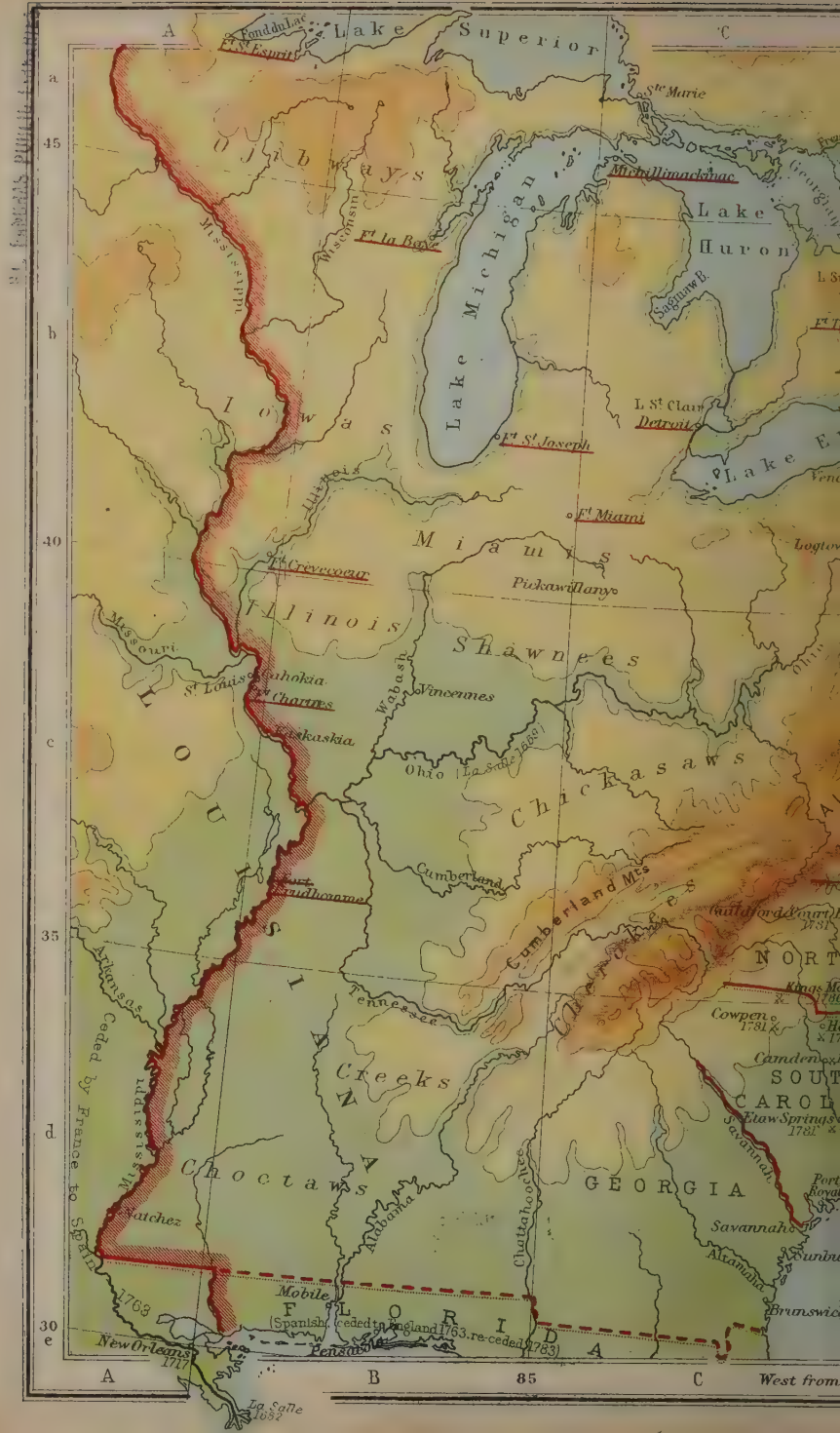
RUPERT'S LAND

(Hudson Bay Co.)

1670



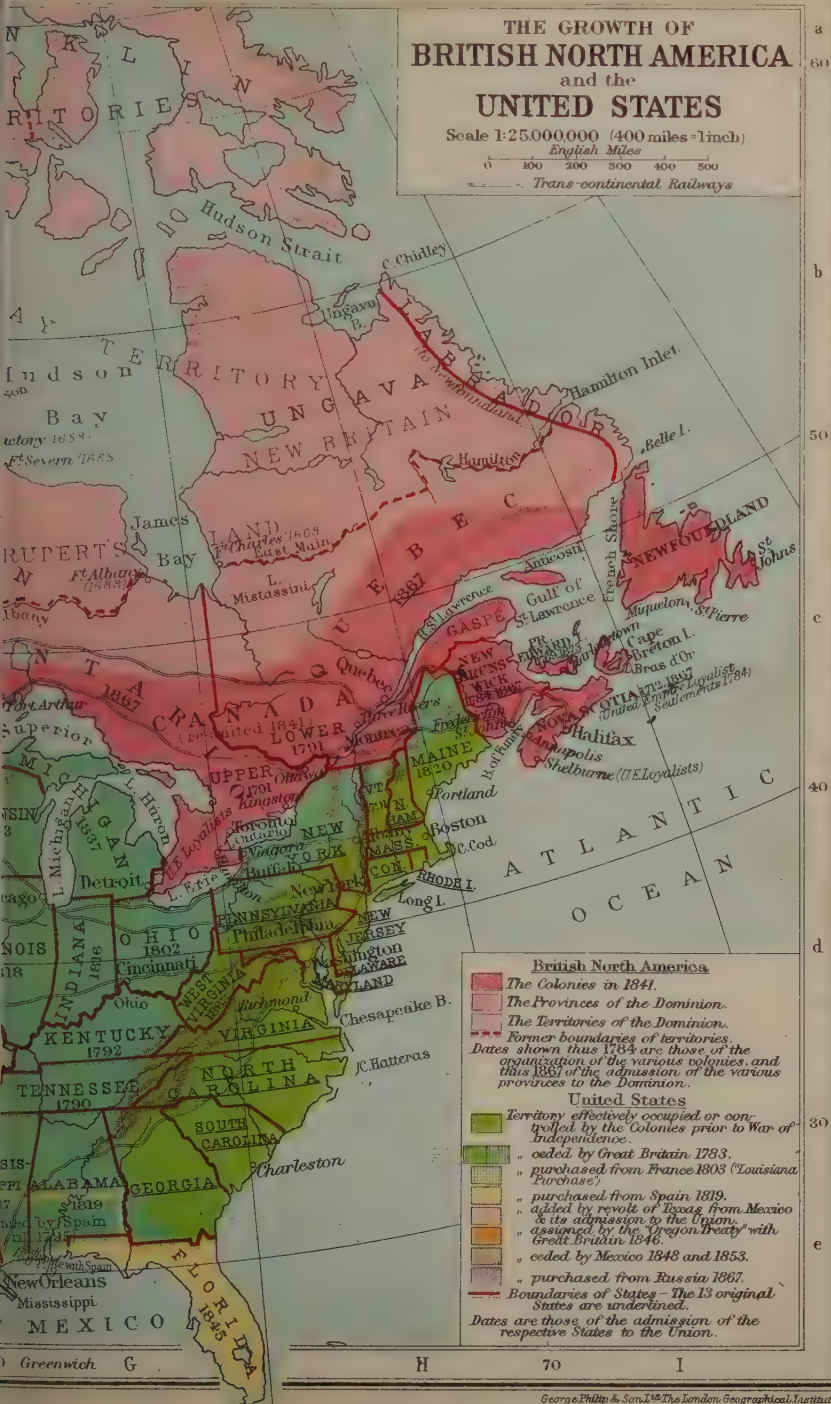




THE GROWTH OF
BRITISH NORTH AMERICA
and the
UNITED STATES

Scale 1:25,000,000 (400 miles=1 inch)
English Miles

English Miles
0 100 200 300 400 500
Trans-continental Railways



A 80 B 70 C West from 60 Greenwich D 50 E 40 F

Tropic of Cancer

SOUTH AMERICA

c. 1650

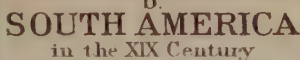
Scale 1:50000000 (800 miles = 1 inch)

English Miles



0 500 1000

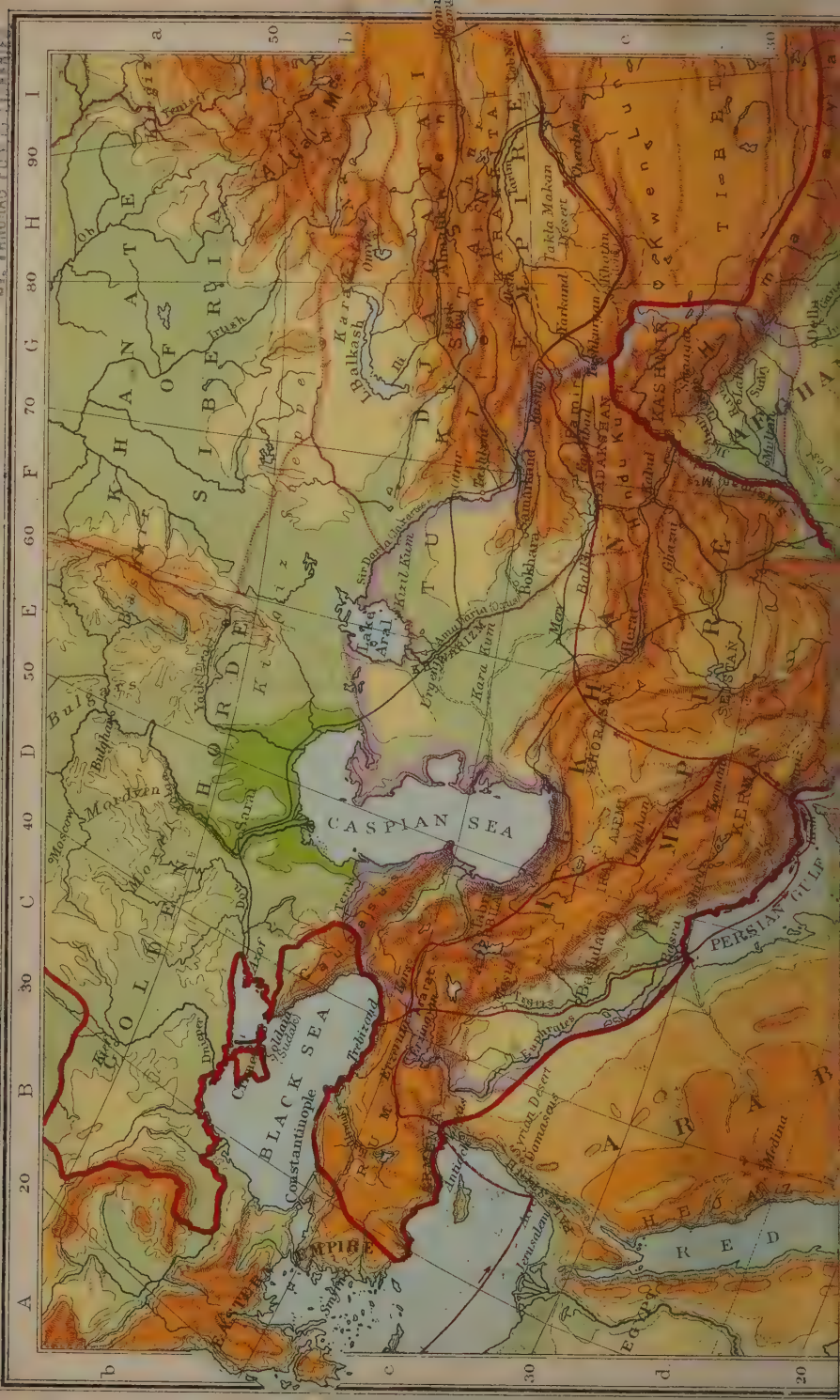
- Spanish Portuguese
- Dutch French English

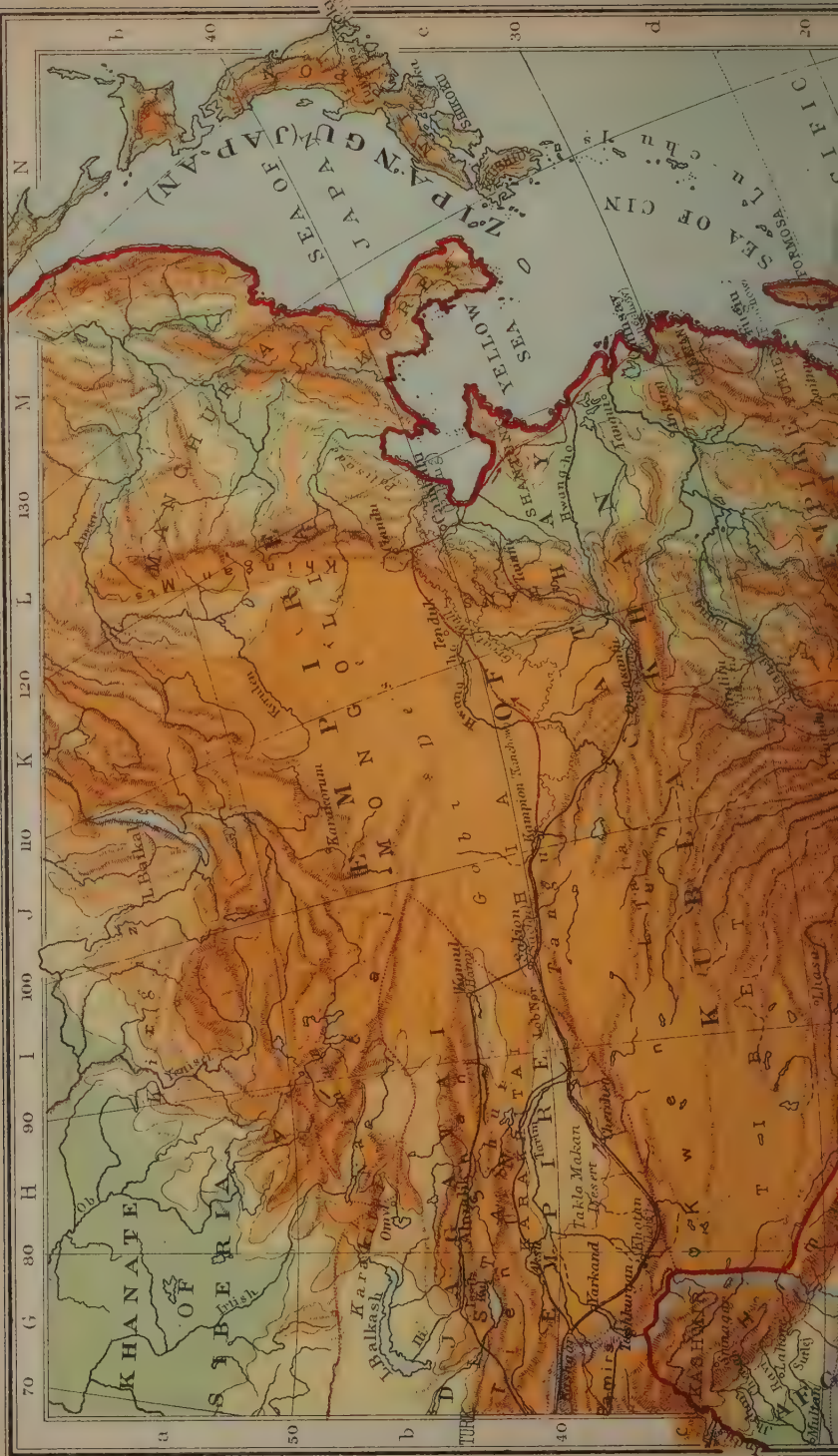


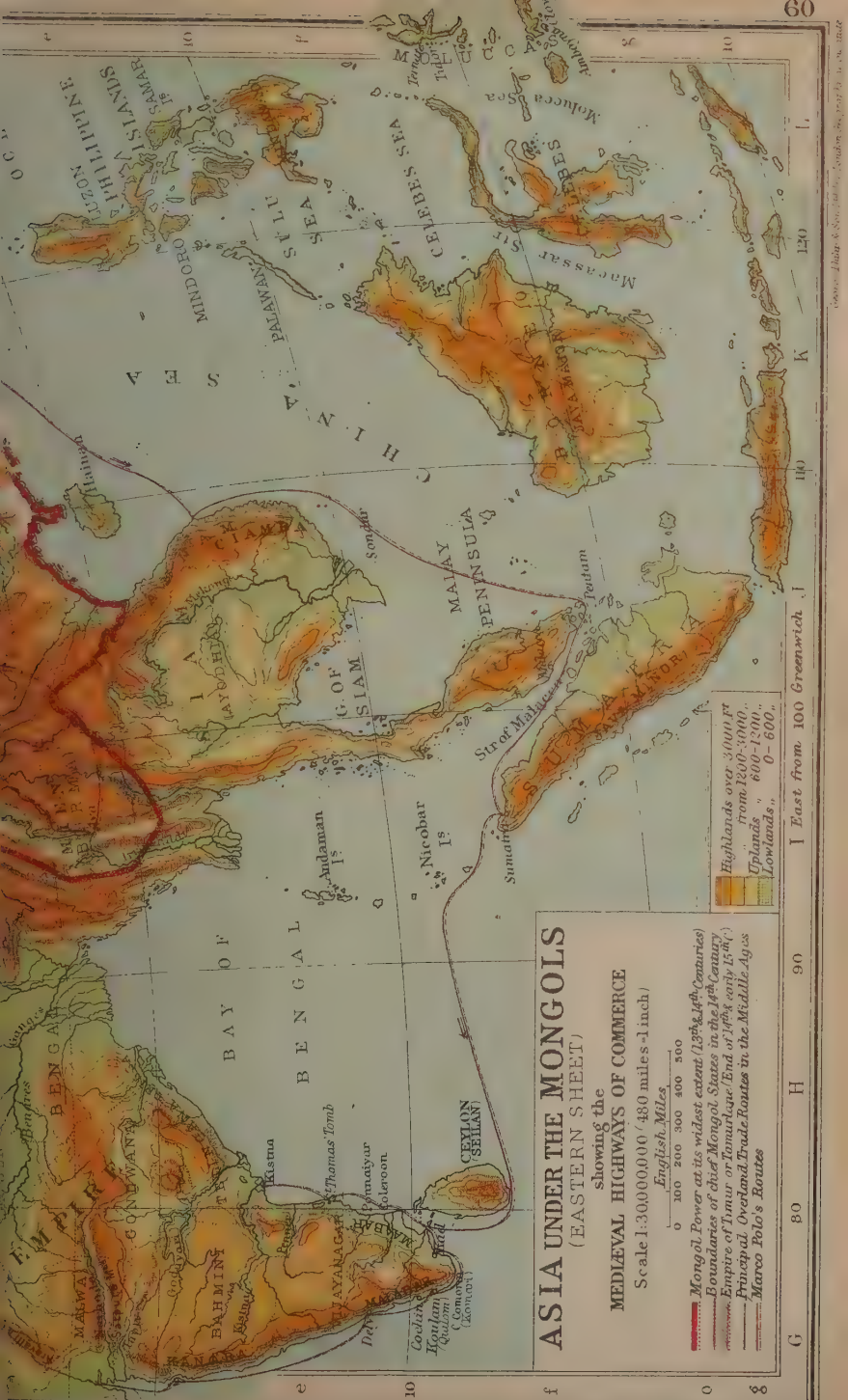


Scale 1:50000000 (800 miles=1 inch)
English Miles

 *Boundaries of States in 1825*
 " *subsequently determined*
 State Boundaries in Brazil





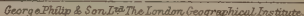


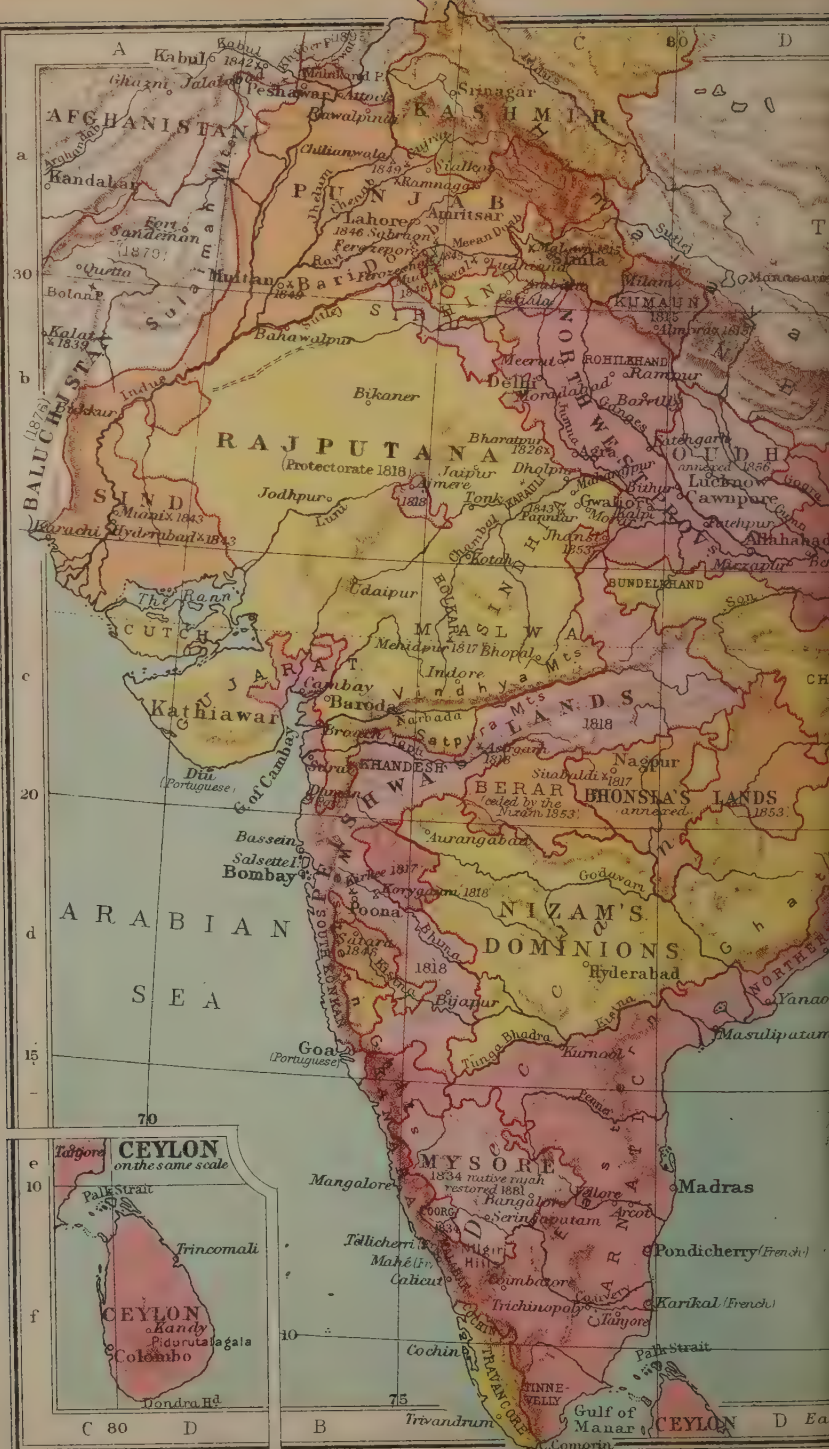


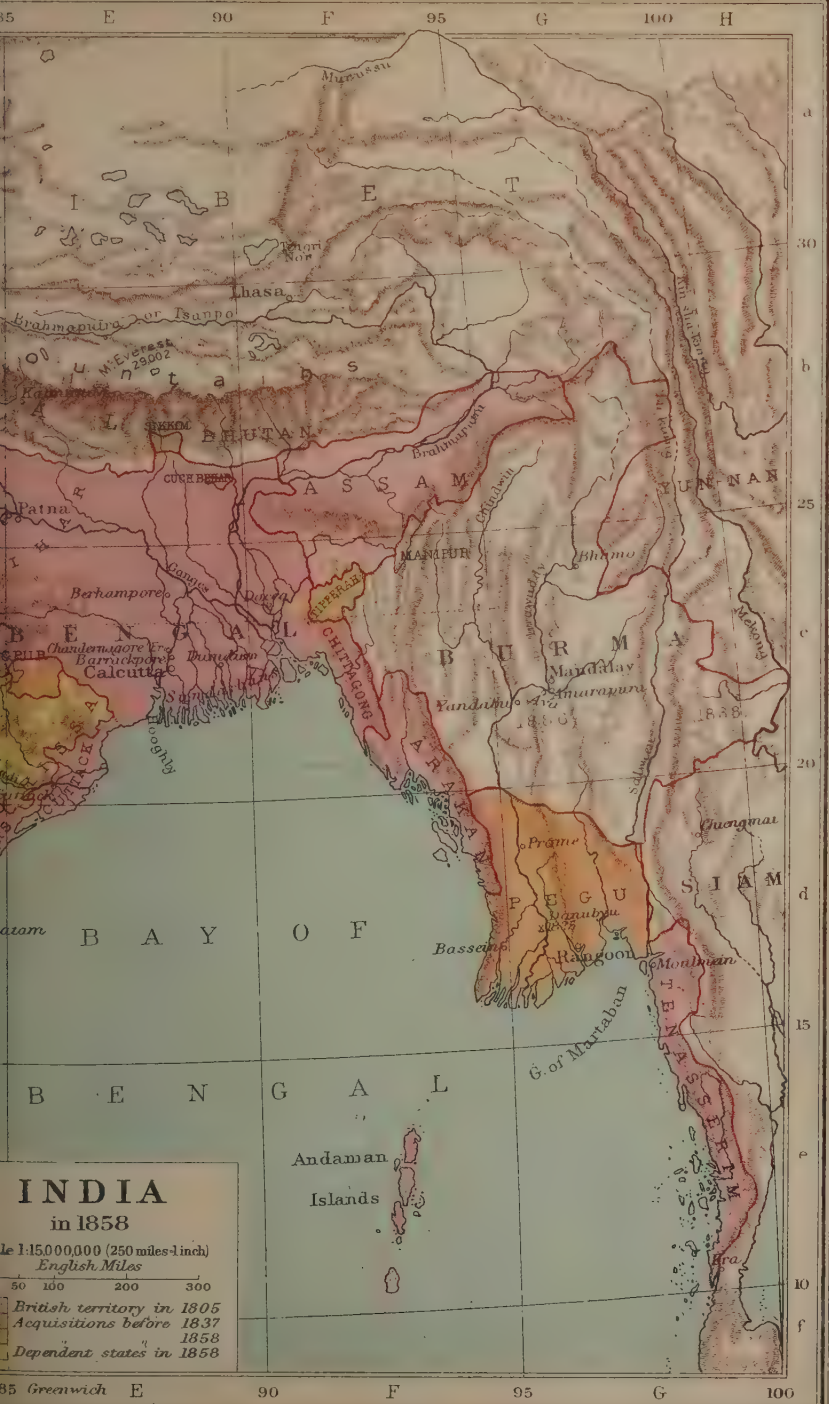
INDIA
in the time of
CLIVE & WARREN HASTING
Scale 1:20,000,000 (320 miles) English Miles

0 100 200 300

British Territory
Viceroy's of the Mogul
Lands held by the Mogul
Lands of the Marathas
Lands of Hyder Ali
Dutch Territory
French







THE EUROPEAN EMPIRE DURING THE 19th CENTURY

Scale 1:40,000,000

English Miles

- | | | | |
|--|---|--|-----------------------------------|
| | Russian Empire in 1689 (The Accession of Peter the Great) | | British Dependent States in India |
| | Russian Acquisitions 1690-1815 | | British Territory in 1805 |
| | 1816-1854 | | British Acquisitions 1806-1971 |
| | 1855-1876 | | French Territory |
| | 1877-1886 | | United States |
| | 1887-1895 | | Railways open |
| | Boundary of the Russian Empire, 1914 | | Railways constructing |



MAN POWERS

LA

17TH CENTURY

640 miles - lunch

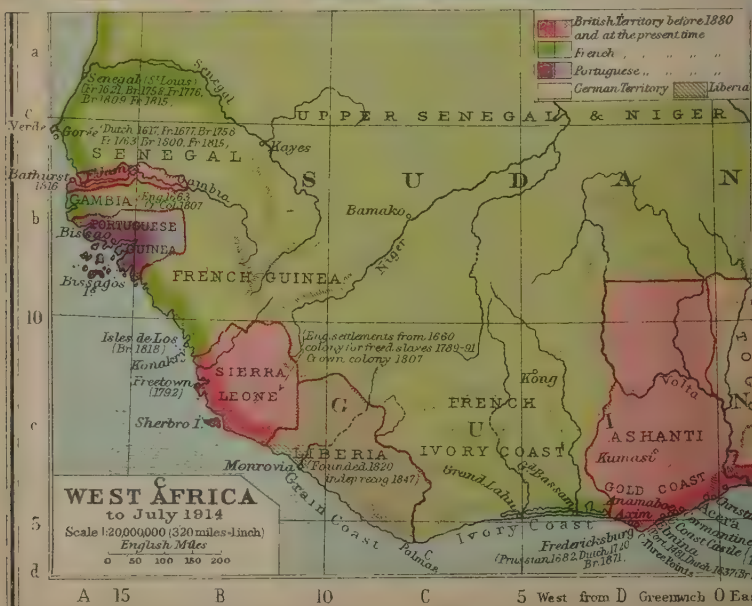
des
400 500

Treaty Ports thrown open
in 1842 thus ... Canton
Treaty Ports thrown open
in 1858 thus ... Swatow

BERLING
SESA

This is a detailed historical map of East Asia, showing the Korean Peninsula, Manchuria, and the Japanese archipelago. The map includes labels for major cities like Peking, Shanghai, and Seoul, and geographical features like the Yellow Sea and the Pacific Ocean. It also shows the borders of various countries and provinces, including the Russian Empire and the Japanese Empire.

A 20 B 10 C 0 D 10 E 0 F 30 G 40 H 50 I 60



A 15

B

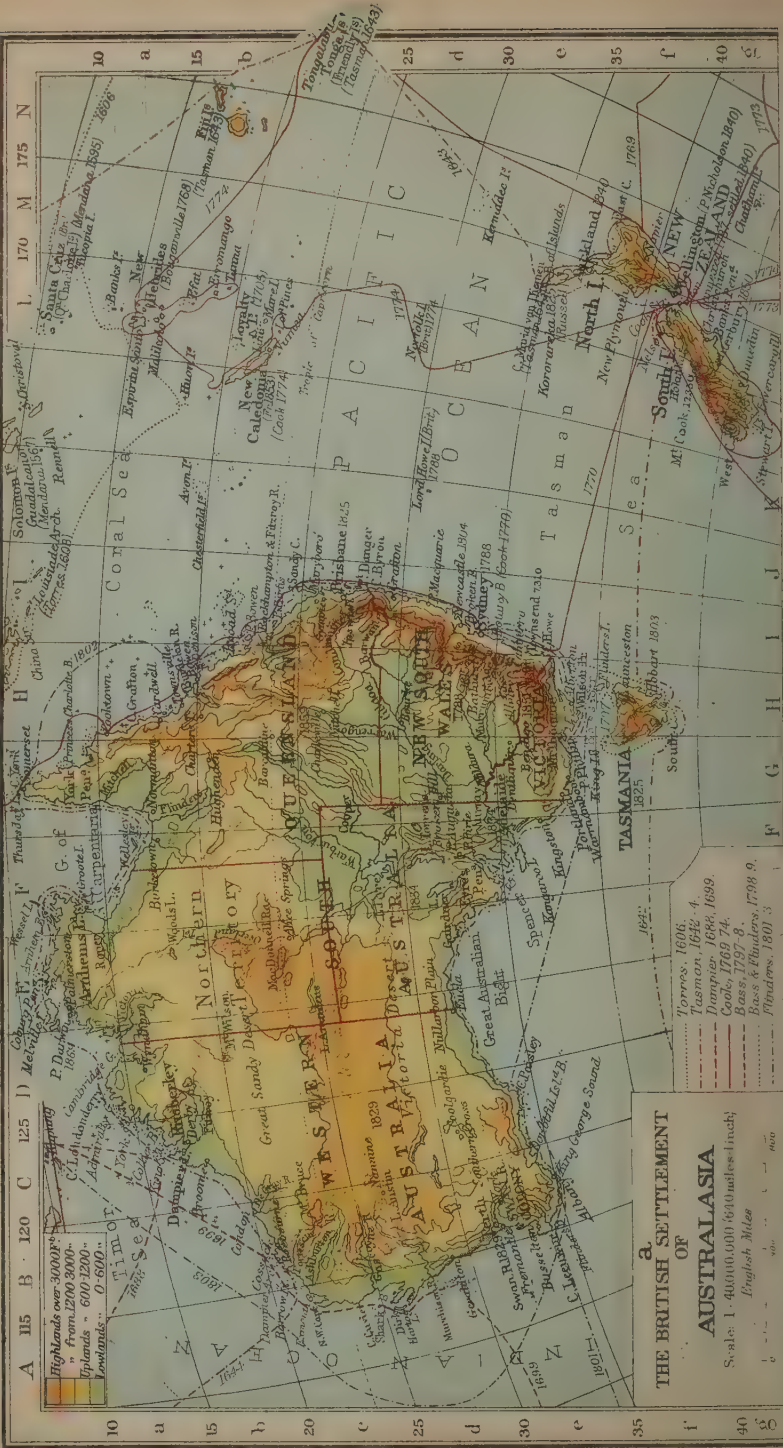
10

C

5

West from D Greenwich O East. from E Gre





THE BRITISH SETTLEMENT
OF
AUSTRALASIA

Scale 1:400,000 (640 miles linear)
English Miles

Districts settled in 1830
1831-1850
1851-1860
1861-1880

Scrub and Arid Regions

Explorers' Routes

- | | | |
|--------|---------------------------------------|----|
| 0 | 1897, 1898 | 15 |
| S | Sturt, 1828, 1829, 30, 1844-6 | |
| M | Mitchell, 1831, 2, 1835, 1836, 1845-6 | |
| G | Grey, 1837, 8, 1839 | |
| E | Eyre, 1839, 1840, 1 | |
| L | Leichardt, 1844-5 | |
| K | Kennedy, 1847, 1848 | |
| A.C.G. | A.C. Gregory, 1855-6 | |
| S | Stuart, 1858-62 | |
| B | Burke & Wills, 1860-1 | |
| J.F. | J. Forrest, 1869, 1870, 1874 | |
| W | Warburton, 1873-4 | |
| A.F. | A. Forrest, 1879 | |
| G | Giles, 1872, 1873, 4, 1875-6 | |
| H | Hodgkinson, 1876 | |
| L | L. Lindsay, 1881, 2 | |



b.
EXPLORATION & COLONISATION
OF
AUSTRALIA
Scale: 300000000 (480 miles = 1 inch.)
English Miles
0 100 200 300 400



CANCELLED



INDEX.

- Aachen (Aix-la-Chapelle), Cc, 22
 Aarau, Ca, 21a
 Aargau, Ca, 21a; De, 22
 Abbeville, Ca, 36b
 Abbeville (U.S.A.), Cc, 56b
 Abbotsbury, Dg, 37
 Abeokuta, Ec, 64c
 Aberavon, Ee, 43
 Aberdeen, Fb, 39; Eb, 43
 Aberdeenshire, Eb, 43
 Aberfeldy, Cb, 40a
 Aberfoyle, Dc, 39
 Abergavenny, Cc, 36c; Bd, 38b
 Abernethy, Ec, 39
 Aberystwyth, Bb, 36c; Dd, 43
 Abingdon, Ef, 37; Cd, 38a; Fe, 43
 Abingdon (U.S.A.), Cb, 56b
 Abraham, Hts. of, 55a
 Abrantes, Ac, 19
 Abyssinia, Gc, 64a
 Abus, Fl., Gc, 30
 Acadia, Ea, 54a
 Acajutla, Be, 45b
 Acapulco, Cc, 53a
 Accompong, Ec, 53a
 Accra, Id, 52a
 Achaia (Principality), Gf, 7; Bb, 29b
 Achilles I., Ac, 41
 Achonry, Cb, 41
 Achusi (Pensacola), Da, 53a
 Acklin I., Eb, 53a
 Acre, Syria, Cf, 29c
 Acton Burnell, Db, 36c
 Adalia, Gulf of, Dc, 25b
 Adana, Ec, 25b
 Adda, River, Bb, 16
 Adelaide (C. Colony), Cb, 64b
 Adelaide (S. Australia), Fe, 65a
 Aden, Eg, 63
 Aderbilan, Dc, 59
 Adige, River, Cb, 16
 Adirondack Mts., Cb, 56a
 Admiralty Gulf, Da, 65a
 Adour, River, Cc, 14
 Adrianople, Fe, 28a
 Adriaticum Mare, Ge, 1
 Adwalton Moor, Cc, 38a
 Aegean Sea, He, 10
 Aegina, Dg, 28a
 Egyptus, Jh, 1
 Ethiopia, Kd, 46a
 Afghanistan, Ge, 63
 Afghan Empire, Gd, 59
 Africa, 46-52, 64
 Africa, Exarchate of, Cd, 3a
 Africa, German East, Ke, 52a
 Africa, German S.W., Jf, 52a
 Africa, Portuguese E., Db, 64d
 Agen, Cd, 36a
 Aghadoe, Bd, 41
 Agher, Cc, 43
 Aghrim, Galway, Cc, 42c
 Agincourt, Da, 36b
 Agmondesham, Fe, 43
 Agra, Cb, 62
 Agram, Fe, 10
 Agulhas, C., Bb, 64b
 Ahausen, Db, 23c
 Ahmadabad, Ab, 59a
 Ahmadnagar, Ac, 59a; Bd, 61a
 Aidin, Fg, 28a
 Aigle, Ab, 21a
 Aigun, Md, 63
 Aignes Mortes, Ce, 7
 Ailsa Craig, Bc, 40b
 Airds Moss, Bc, 40b
 Aix-la-Chapelle (Aachen), Db, 4; Cc, 22
 Ajaccio, Bd, 18a
 Ajmer, Bb, 62
 Akabah, Df, 63
 Akeman Street, Ee, 30
 Akerman, Gb, 28a
 Akmolinsk, Hc, 63
 Aksu, Hb, 60
 Alabama, Bc, 56b; Gd, 57
 Aland Is., Ba, 26a
 Alani, Kd, 1
 Ala-Shan Mts., Kd, 63
 Alaska, Aa, 57
 Alarcon, Dc, 18c
 Alba de Tormes, Cb, 19
 Alban; Ec, 39
 Albania, Be, 28a
 Albanian Principality, Fe, 7
 Albany (U.S.A.), Cc, 56a
 Albany (C. Colony), Cb, 64b
 Albany (Australia), Be, 65a
 Albara, Dc, 29c
 Albazin, Mc, 63
 Alberta, Db, 57
 Alberton, Hf, 65a
 Albi, Ee, 14; Gg, 35
 Albis, R. (Elbe), Fe, 1
 Albret, Bd, 36a
 Albuera, Bc, 19
 Albury, Hf, 65a
 Alcala, Db, 19
 Alcantara, Bc, 19
 Akaroa Bb, 65c
 Aldabra Is., Ll, 52a
 Aldborough, Fc, 43
 Aldbury, Ff, 37
 Aldeburgh, Gd, 43
 Alemejo, Bc, 19
 Alençon, Cb, 14
 Aleppo (Haleb.), De, 63; Eb, 29c
 Alessandria, De, 12
 Aleutian Islands, Rc, 63
 Alexandretta, Db, 29c
 Alexandria (Egypt), Ig, 1; De, 29a
 Alexandria (U.S.A.), Ac, 56b
 Alford, Cc, 40a
 Algarve, Ad, 19
 Algeciras, 19a
 Algeria, Da, 64a
 Algiers, Ce 8; 25c
 Algiers, Sultinate of, Ce, 8
 Algoa Bay, Cb, 64b
 Algonkins, Ca, 54a
 Alhandra, Ac, 19
 Alicante, Ec, 19
 Alice Springs, Ec, 65a
 Aligarh, Cb, 61c
 Aliwal, Ca, 62
 Aljubarrota, Ac, 18d
 Alkmaar, Db, 20a
 Allahabad, Db, 61a; Db, 62
 Allegheny Mountains, D, 55
 Allemannia, Dc, 4
 Allemanni, Eb, 2
 Allen, Bog of, Dc, 41
 Allen, L., Db, 41
 Aller, R., Db, 22
 Allier, River, Ed, 14
 Alma, 27b
 Almalik, Hb, 59
 Almanza, Ec, 19
 Almaraz, Cc, 19
 Almeida, Bb, 19
 Almina, C., 19a
 Almoravides, 18c
 Alnwick, Db, 36d
 Alps, 21b; Dd, 12
 Alresford, Ee, 34; Cd, 38a
 Alsace, Bb, 23c; Db, 15c
 Alsen, Ba, 24b
 Altai Mts., Hb, 59

- Altamaha, Cd, 55
 Altmark, Cb, 24a
 Alton, Fe, 34
 Altorf, Cb, 21a
 Alushta, 27b
 Aluta, River, Ec, 28a
 Alvarado, Bc, 53a
 Amadeus, Lake, Ec, 65a
 Amalfi, Ed, 16
 Amarapura, Gc, 62
 Amazon, R., Dd, 58a, 58b
 Amazonas, Cd, 58b
 Amboina (Amboyna), Bb, 49d
 Amboise, Cc, 15b
 Amboy, Bd, 56a
 Amboyna (Amboina), Lg, 60
 Ambula, Ca, 62
 Ambur, 61d
 Ameland, Island, Ea, 20a
 Amelia, Ab, 56c
 American Civil War, 56a, 56c
 American 7 Years' War, 56b
 American War of Independence, 56b
 Amersham, Fe, 34
 Amesbury, Bb, 54b
 Amida, Lf, 1
 Amiens, Eb, 14; Db, 36a; Bb, 52b
 Amirante Is., Le, 52a
 Amisur, Kc, 2a
 Amorgos, Eg, 28a
 Amoy, Lf, 63
 Amritsar, Ba, 62
 Amsterdam, Db, 20a
 Amu Daria (Oxus), Fb, 59
 Amur Province, Nc, 63
 Anagni, Dd, 17b
 Anamaboe (W. Africa), Dc, 64c
 Anatolia, Dc, 25b
 Anchu, Cb, 52c
 Ancona, Dc, 16; Dc, 17c
 Ancyra, Jd, 2a
 Andalusia, Cd, 19
 Andaman Islands, Fe, 62
 Andegavi (Angers), Cc, 31
 Anderida (Pevensey), Gf, 30
 Anderida Silva, Fe, 30
 Andernach, Cc, 22
 Andorra, Fa, 19
 Andover, Ee, 34; Fe, 43
 Andros, Is. (Greece), Eg, 28a
 Andros Is. (W. Indies), Eb, 53a
 Andrussof, Ec, 26a
 Angers, Cc, 14
 Angles, Fc, 31
 Anglesey, Ba, 36c
 Angola, Je, 52a
 Angora, Ef, 26a
 Angostura (Ciudad Bolivar), Cc, 58b
 Angoulême, Dd, 14
 Angoumois, Ff, 35
 Anguilla, Fc, 53a
 Angus, Fc, 39
 Anjou, Cc, 14; Ee, 35
 Anjou Island, Oa, 63
 Anking, Kc, 60
 Annale, River, Db, 42c
 Annaly, Dc, 41
 Annam, Je, 60
 Annan, Ec, 43
 Annandale, Ed, 39
 Annobom, I., Je, 46a; De, 64a
 Annapolis (U.S.A.), Dc, 55
 Annapolis (Nova Scotia), Eb, 54a
 Annecy, Ab, 18a
 Ansbach, Cd, 24a
 Anstruther, Cb, 40b
 Anstruther Easter, Eb, 43
 Anstruther Wester, Eb, 43
 Antarctic Exploration, 51c
 Anticosti, Ea, 54a
 Antictam, Db, 56b
 Antigua, Fc, 53a
 Antioch, Kf, 1; Db, 29c
 Antioch, Principality of, Dc, 29c
 Antioquia, Bc, 58a
 Antivari, Bd, 28a
 Antofagasta, Bf, 58b
 Antoin, Cd, 20a
 Antrim, Cc, 43
 Antrim, Mts. of, Ea, 41
 Antung, Ca, 52c
 Antwerp, Dc, 20a
 Aosta, Gd, 14; Ab, 17c
 Apamea (Famia), Dc, 29c
 Appenzell, Da, 21a
 Appin, Cc, 39
 Appleby, Db, 34; Ec, 43
 Appomatox, Db, 56b
 Aptar, Dd, 43
 Apulia, Ed, 16
 Aquila, Duchy of, Fd, 6
 Aquae Solis (Bath), De, 30
 Aquileia, Db, 16
 Aquitaine, Duchy of, Dd, 14
 Aquitania, Dd, 1
 Arabia, Kg, 5
 Aragon, Eb, 19
 Aragon, Kingdom of, 18a, 18d
 Arakan, Fc, 62
 Aral, Lake, Eb, 59
 Aranda, Db, 19
 Aran Is., Bc, 41
 Aranjuez, Db, 19
 Ararat, Mt., Dc, 59
 Aras, R., Hg, 27a
 Aravalli Mts., Gd, 59
 Arbroath, Fc, 39; Eb, 43
 Archangel, Gb, 27
 Arcola, Ec, 11
 Arcot, Cc, 61a; Cc, 61c, 61d
 Arctic Exploration, 49b, 51b
 Ardagh, Dc, 41
 Ardee, Cd, 43
 Arden, Forest of, Ed, 30
 Ardennes Mts., Fb, 14
 Ardfer, Bd, 41; Bd, 43
 Ardour, Cc, 39
 Ardnamurchan, Pt., Bc, 39
 Arequipa, Bc, 58a
 Arezzo, Cc, 17c
 Argau, Cc, 61c
 Argentina, Ff, 52a
 Argentine Republic, Cg, 58b
 Argos (Greece), Dg, 25a
 Argostolion, Cf, 28a
 Arguin, Ic, 46a
 Argyll, Cc, 39; Bb, 40b
 Arica, Bc, 58a
 Arisaig, Bb, 40b
 Arizona, Dd, 57
 Arkalg, L., Cc, 39
 Arkansas (River and State), Fd, 67
 Arkansas Post, Ae, 56b
 Arklow, Ed, 42c
 Arlberg Pass, Da, 21b
 Arles, Fe, 14
 Armagh, Eb, 41; Cc, 43
 Armagnac, Bc, 15a
 Armenia, Lf, 1; Eb, 29a; Ee, 63
 Armenia, Theme of, Jd, 5
 Armentières (Flanders), Bd, 20a
 Armoria, Cd, 1; Cd, 31
 Arnay-le-Duc, Ec, 15b
 Arnheim, Ec, 20a
 Arnheim Bay, Fa, 65a
 Arnheims Land, Ea, 65a
 Arno, River, Cc, 16
 Arran, Cd, 39
 Arras, Bd, 20a; Ea, 14
 Arta, Cf, 28a
 Artenay, Ab, 52b
 Artois, Bd, 20a
 Arundel, Ff, 34; Fe, 43
 Arzobispo, Cc, 19
 Ascalon, Bg, 29c
 Ascension, I., Le, 51a
 Aschaffenburg, Cb, 23c
 Ashanti, Dc, 64c
 Ashburton, Cf, 34; Ee, 43
 Ashburton, R., Bc, 65a
 Ashby de la Zouch, Cc, 38a
 Ashdown, Cc, 32b
 Ashridge, Ff, 37
 Asia, 46-52, 59-63
 Asirgarh, Cc, 61c; Cc, 62
 Askeaton, Cd, 42c; Bd, 43
 Aspern, Fc, 11
 Aspromonte, Ee, 18b
 Aspropotamus, River, Cf, 28a
 Assam, Fb, 62
 Assandun, Dc, 33
 Assanpink, River, Bd, 56a
 Assaye, Cc, 61c
 Assiniboia, Eb, 57
 Assisi, Dc, 16
 Assynt, Ca, 39
 Asti, Bb, 17c
 Astorga, Ba, 19
 Astrakhan, He, 27
 Asturias, Ba, 19
 Atuncun, Df, 58a
 Atacama Desert, Bf, 58b
 Ath, Cd, 20a
 Athabasca, Db, 57
 Athabasca, L., Bb, 49b
 Athboy, Cd, 43
 Athelney, Bc, 32b; Df, 37
 Athenry, Cc, 42c; Bd, 43
 Athens, Dg, 28a

- Athens (U.S.A.) Cc, 56b
Athens, Duchy of, Gf, 7
Atholl, Dc, 39
Atholl, Forest of, Dc, 39
Athos, Mt., Ee, 28a
Athlone, Cd, 43; Dc, 41
Athy, Ed, 42c
Atlanta, Cc, 56b
Atlantic Ocean, N, 45b
Atrebat, Ee, 30
Atropatine, Mf, 1
Attalia, Eb, 29a
Attock, Ba, 62
Auberoche, Cd, 36a
Auckland, Ba, 65c
Audastes, Ab, 54c
Augsburg, Ed, 22; Db, 23c
Augusta, Cc, 56b
Augusta, L., Fe, 65a
Augusta Trevironum, Ed, 31
Auldearn, Cb, 40a
Aumâle, Fa, 35
Aurangabad, Cd, 62
Auray, Ac, 36d
Aureliani, Dd, 1; Dd, 31
Austral Is., Af, 52a
Australia, 65
Austrasia, Db, 4
Austria, Gd, 22; Db, 23b;
Db, 25a; Bd, 26a and 26b
Austria (Lombardy), CDb, 16
Austria, March of, Bd, 23a
Austrian Empire, Fd, 12
Austrian Netherlands, Cb, 10
Autun, Fe, 14
Auvergne, County, Ed, 14
Auxerre, Ee, 14
Ava, Gc, 62
Avalon, Ga, 54a
Avars, Fe, 4
Aversa, Ed, 17a
Avesnes, Cd, 20a
Avignon, Fe, 14, 15d
Avondale, Ab, 36d
Avranches Cb, 14; Ed, 35
Axbridge De, 34
Arim, Dd, 64c
Ayacucho, Ee, 58b
Aylesbury, Cd, 38a; Fe, 43
Ayr, Dd, 39
Ayubites, Empire of the, Ec,
29a
Azof, Fd, 26a; Fe, 27
Azof, Sea of, Cc, 27c
Azores, Is., Hc, 45b; Hc, 46a
Aztec Kingdom, Dc, 46a;
Bb, 53a
Baalbek (Heliopolis), De, 29c
Babylon, Lg, 1
Bacalhao (Newfoundland),
Gb, 47a
Bachan, Island, 49c
Badajoz, Bc, 19
Badakshan, Gc, 59
Baden (Germany), Ab, 23d
Baden (Switzerland), Ca, 21a
Badenoch, Eb, 39
Baetis, River, Bf, 1
Baffin Bay, Da, 49b
Baffin Land, Da, 49b
Baghdad, Lf, 5; Ee, 63
Bahama Islands, Eb, 53a
Bahar (Behar, Bihar), Bb, 59a
Bahawalpur, Bb, 62
Bahia, Fe, 58a
Bahia Blanca, Cg, 58b
Bahmini, Ge, 59
Bahrein Is., Ff, 63
Baikal, Lake, Kc, 63
Bakchisarai, 27b
Baku, Hf, 27; Ed, 63
Balaklava, 27b
Balasore, Ec, 61c
Balaton, Lake, Db, 25a
Balearic Isles, Gb, 19
Balfrush, Fe, 63
Balkan Mts., Ed, 28a
Balkan Peninsula, 26, 28
Balkash Lake, Hd, 63
Balkh, Fe, 59; Cc, 63
Ballater, Cb, 40
Ballachulish, Bb, 40b
Balleny Land, 51c
Ballinakill, Cd, 43
Balls Bluff, Db, 56b
Ballymore, Dc, 42c
Ballyshannon, Bc, 43
Balta, Dd, 26b
Baltimore, U.S.A., Bc, 54a
Baltimore, Ireland, Bc, 43
Balticglass, Wicklow, Cd, 43
Baluchistan, Gf, 63
Bamberg, Ed, 22
Bamborough, Ea, 34
Bampton, Cc, 32a
Banagher, Cd, 43
Banbury, Fd, 43
Banda Is., Cb, 49d
Banda Oriental, Dg, 58b
Bandar Abbas, Ff, 63
Bandon, River, Cc, 41
Bandon, Bc, 43; Cc, 42c
Banff, Cb, 40b; Eb, 43
Bangaya Is., Ab, 49d
Bangor, Wales, Bd, 37
Bangor, Ireland, Dc, 43
Bankot, Ac, 59a
Banks Islands, La, 65a
Banks Ld., Aa, 49b
Banks Peninsula, Mg, 65a
Banks Str., Ba, 49b
Bann R., Eb, 41
Bannockburn, Ba, 36d
Bannow Bay, Dd, 41
Bantry, Bc, 42c
Bantry B., Bc, 41
Banyaluka, Ac, 28a
Bapauthe, Ba, 52b
Bar (Lorraine), see Bar-le-Duc
Bar (Poland), Dd, 26a, b
Barawa, Ld, 47a
Barbados, I., Gc, 53a
Barbary, Ic, 49a
Barberton, Dc, 64d
Barbuda, I., Fe, 53a
Barbury Hill, Cc, 32a
Barcelona (Spain), Gb, 19
Barcelona, Venezuela, Cc, 58b
Barcelona, County of, Fa, 18c
Bardney, Fd, 37
Bardstown, Bb, 56b
Bareilly, Cb, 62
Barfleur, Bb, 36a; Cc, 45a
Bari, Fd, 16
Barka, Bd, 25b
Barking, Gf, 37
Barkul, Jd, 63
Bar-le-Duc, Cb, 15c
Barnard Castle, Eb, 34
Barnaul, Ic, 63
Barnet, Fe, 34
Barnstaple, Bc, 34; De, 43
Baroda, Bc, 61a
Barra, Ac, 39
Barrackpore, Ec, 62
Barras do Rio Negro (Man-
aos), Dd, 58a
Barrosa, Bd, 19
Barrow, River, Ed, 41
Barrow C., Aa, 49b
Barwan River, Id, 65a
Bashkir, Ea, 59
Basilicata, Fd, 16
Basing, Cd, 38a
Basingstoke, Ee, 34
Basle, Ba, 21a
Basle, Bishopric of, Ba, 21a
Basra (Bassorah), Dc, 59
Bassein (Bombay), Bd, 62
Bassein (Burma), Fd, 62
Bassorah (Basra), Lf, 5
Bass Rock, Ca, 36d
Bass Strait, Hf, 65a
Bastarnae, Id, 1
Batalha, Ac, 18d
Batavia, Cb, 49d
Batavia, Oc, 49a
Bath, De, 34; Ec, 43
Bath and Wells, Bishopric,
Cf, 37
Bathurst, Australia, He, 65a
Bathurst, S. Africa, Cb, 64b
Bathurst, W. Africa, Ab, 64c
Baton Rouge, Ac, 56b
Battle Abbey, Gg, 37
Batuchina, 49c
Batum, Gf, 27
Baugé, Bc, 36b
Bautzen, Ec, 24b
Bavaria, Kingdom of, Ec, 11
Bavaria, Fd, 22; 23a, b, d
Bayeux, Cb, 14; Ed, 35
Baylen, Dc, 19
Bay of Islands, Ba, 65c
Bayonne, Cc, 14; 15d
Bayreuth, Cd, 24a
Bazarchik, Fd, 28a
Beachy Head, Db, 45a
Béarn, 15a, b, d
Beaufort, S. Africa, Bb, 64b
Beaufort, Syria, Cc, 29c
Beaulieu, Eg, 37
Beaulieu, Bb, 40b
Beaumaris, Ba, 36c; Dd, 43
Beaumont, Cb, 52b
Beaune-la-Rolande, Bb, 52b
Beauvais, Db, 15a; Bb, 52b
Beauvais, Ed, 37
Beaver Cr., Ca, 56b

- Bec, Fd, 35
 Bechuanaland, Cb, 64d
 Bedale, Dc, 36d
 Bedford, Fd, 34; Fd, 43
 Bedr, Jh, 5
 Bedwin, Ee, 34
 Behaim's Map, 47b
 Behar (Bahar, Bihar), Eb, 61a
 Beira (Portugal), Bb, 19
 Beira (E. Africa), Da, 64d
 Beirut (Beyrout), De, 63
 Belem, Ed, 58a
 Belême, Db, 14
 Belfast, Fb, 42c
 Belfort, De, 52b; De, 15c
 Belgae, De, 30
 Belgian Congo, Fe, 64a
 Belgium, Cb, 13
 Belgrade, Ce, 26a; Cc, 28a
 Belize, Dc, 53a
 Bellary, Cd, 61a
 Belle Isle, Bc, 14; Bd, 45a
 Bellinzona, Ba, 17c
 Belluno, Da, 17c
 Belmont, Bb, 56b
 Belturbet, Db, 42c
 Belvoir, England, Fe, 37; Cc, 38
 Belvoir, Syria, Cf, 29c
 Benares, Db, 61a
 Benavente, Ca, 19
 Benbecula, Ab, 39
 Benburb, Eb, 42c
 Benecoolen, Oe, 49a
 Bender, Dd, 26a, 26b
 Bendigo (Sandhurst), Gf, 65a
 Benevento, Ed, 16
 Benevento, Duchy of, Fd, 4
 Beneventum, Duchy of, Ed, 16
 Bengal, If, 63
 Benguela, Je, 48a
 Benin, Fe, 64c
 Ben Nevis, Co, 39
 Bensington (Eng.), Co, 32b
 Bennington (U.S.A.), Eb, 55
 Bentheim, County of, Ca, 20c
 Bentonville, Ab, 56b
 Berar, Co, 61a
 Berbera, Eg, 63
 Berbice, Dc, 58a
 Bere, Wales, Cb, 36c
 Bere (Ireland), Be, 41
 Beralston, Dc, 43
 Beresina, Dc, 26a
 Berzef, Gb, 63
 Berg, Duchy of, Cb, 20c; Db, 11
 Bergamo, Bb, 16
 Bergen (Norway), Ea, 33
 Bergen-op-Zoom (Holland), Dc, 20a
 Bergerac, Cd, 15b
 Berhampore, Ee, 62
 Bering Island, Qc, 63
 Bering Str., Aa, 50
 Berkeley, De, 34
 Berlin, Db, 24a
 Bermudas, Fa, 53a
 Berne, Bb, 21a
 Bernicia, Ba, 32b
 Berry, Co, 15a
 Bervic, Cb, 40b
 Berwick-on-Tweed, Cb, 36d
 Besançon, Dc, 15c
 Bessarabia, De, 27; Gb, 23a
 Bessin, Ed, 35
 Betanzos, Aa, 19
 Bethlehem, Cg, 29c
 Bethelsdorp, Cb, 64b
 Bethune, Bd, 20a
 Beuthen, Gc, 24a
 Beverley, Fd, 37; Fd, 43
 Bewdley, Worcestershire, Ed, 43
 Beyrout (Beirut), Ce, 29c
 Béziers, Ee, 14
 Bhamo, Gc, 62
 Bharatpur (Bhurtpore), Cb, 62
 Bhopal, Co, 61c; Co, 62
 Bhurtpore (Bharatpur), Cb, 62
 Bhutan, Fb, 62
 Bidar, Cd, 61c
 Bideford, Ad, 38a; Ab, 45a
 Biel, Ba, 21a
 Bielestok, Cd, 27
 Big Bethel, Bb, 56c
 Bigorre, Be, 15a
 Bihar (Bahar, Behar), Province, Eb, 61a
 Bijapur, Ac, 59a; Cd, 62
 Bikaner, Bb, 61c; Bb, 62
 Bilbao, Da, 19
 Billings, March of the, Eb, 22
 Billung, M. of, Eb, 6
 Binohe, 20b and Dd, 20a
 Birjand, Fe, 63
 Birkenhead, Bb, 44b
 Birmingham, Cb, 44a and b
 Birr, Dc, 42c
 Birthen, Co, 22
 Biserta, De, 8
 Bishop's Castle, Ed, 43
 Bissagos, Is., Ab, 64c
 Bissau, W. Africa, Ab, 64c
 Bithur, Db, 62
 Bithynia, Ie, 1
 Bitolia (Monastir), Ce, 28a
 Bitsch, Db, 52b
 Blackburn, Bb, 44b
 Black River, Dc, 53a
 Blacksod Bay, Ab, 42c
 Blackwater River (Ulster), Eb, 41
 Blackwater River (Munster), Cd, 41
 Blagovyeschensk, Mc, 63
 Blair Athol, Co, 40a
 Blairgowrie, Cb, 40a, 40b
 Blanco, C. (North), Kc, 45b
 Blanco, C. (South), Jc, 45b
 Blandford, Df, 34
 Blankenberghe, Flanders, Co, 20a
 Blatum Bulgium (Birrens), Ca, 30
 Blenheim, Db, 23c
 Blessington, Cd, 43
 Blethingley, Fe, 34; Fe, 43
 Blind Bay, Bb, 65c
 Bloemfontein, Co, 64d
 Blois, De, 14
 Blore Heath, Dd, 34
 Blue Mountains, If, 65a
 Blue Pt., Bb, 54b
 Blue Ridge, Cb, 56b
 Bluestack, Cb, 41
 Boderia Aest, Da, 30
 Bodmin, Bg, 37; Ad, 38a
 Boggerah Mts., Cd, 41
 Bogota, S. Fe de, Bc, 58a
 Bohemia, Gd, 22; Cb, 25a
 Boisdale, L., Ab, 40
 Bois-le-Duc, Ee, 20a
 Bojador, C., Jd, 45b
 Bokhara, Fe, 59; Ge, 63
 Bolan P., Ab, 62
 Bolerium Pt., Af, 30
 Bolingbroke, Gc, 34
 Bolivar, Bb, 56b
 Bolivia, Republic, Ce, 58b
 Bologna, Cb, 16; Cb, 17c
 Bolton, Bb, 44b
 Bolton Castle (Yorks), Dc, 36d
 Cb, 38a
 Bolton Abbey (Yorks), Ea, 37
 Bombay, Bd, 61a
 Bona, De, 13
 Bonacca, Dc, 53a
 Bonar Br, Bb, 40b
 Bonavista B. and C., Ga, 54
 Boni, Ab, 49d
 Bonn, Ac, 24b
 Bonny, Fd, 64c
 Boonplats, Cd, 64d
 Boonville, Ab, 56b
 Boothia, Ca, 49b
 Bordeaux, Cd, 14
 Bordertown, Bd, 56a
 Bordesley, Ee, 37
 Borisov, Hb, 11
 Bormio, Eb, 21a
 Borneo, I., Kf, 60
 Borodino, Fe, 27
 Boroughbridge, Eb, 34; Fe, 43
 Borysthene, Jd, 1
 Bosham, Co, 32d
 Boshof, Co, 64d
 Bosna, River, Ba, 28a
 Bosnia, Be, 26a; Ac, 28a
 Bosporus, Ge, 28a
 Bossiney, De, 43
 Bostra, Df, 29c
 Boston (England), Co, 38a; Fd, 43
 Boston (United States), Bb, 54b, 55b; De, 56a
 Bosworth, Ed, 34
 Botany Bay, If, 65a
 Botha's Pass, Aa, 64c
 Bothwell, Cb, 40b
 Botzen, Da, 21b
 Bougie, De, 13
 Bouillon, Ee, 20a
 Boulogne, Db, 45a; Da, 14
 Bourbon, Ee, 14; Ge, 35
 Bourbon, Lands of the House of, 15b
 Bourbon, Island, Lf, 49a
 Bourges, Ee, 14
 Bourke, He, 65a

- Bouvines, Cd, 20a
Bowen, Hb, 65a
Bowling Green, Bb, 56b; Aa, 56c
Boxley, Gf, 37
Boxtel, Ec, 20a
Boyaca, Bc, 58b
Boyle, Bd, 43
Boyne R., Ec, 41; Eo, 42c
Brabant, Aa, 23c, 20a; Bb, 20c
Brackley, Fd., 43
Bradensstock, Ef, 37
Bradford (Yorks), Ce, 38a; Cb, 44b
Bradford (Wilts), De, 34
Braddock Down, Ad, 38a
Braemar, Cb, 40b
Braga, Ab, 19
Bragança (Portugal), Bb, 19
Braganza (Brazil), Ed, 58b
Brahmaputra River, Id, 60
Braila, Fc, 28a
Bramber, Fe, 43
Brancepeth, Eb, 34
Brandenburg (Germany), Fb, 22; Db, 24a
Brandenburg (U.S.A.), Bb, 56b
Brandenburg, March of, Ca, 23m
Brandon Bay, Ad, 42c
Brandywine R., Be, 56a
Brandy Sta., Aa, 56c
Branodunum (Brancaaster), Gd, 30
Bras d'Or, Lake, Jc, 57
Brashear City, Aa, 56b
Bravoniacum (Kirkby Thore), Db, 30
Brazil, 58a
Breadalbane, Dc, 39
Brechin, Fc, 39
Brecon, Cc, 36c
Breda, Dc, 20a
Brefny, Db, 41
Breisach, Bb, 23c
Breisgau, Bb, 25a
Breitenfeld, Eb, 9
Bremen, Bb, 24b; Db, 22
Bremenhaven, Bb, 24b
Bremetennacum (Ribecheater), Dc, 30
Brenner Pass, Da, 21b
Brenta, River, Cb, 16
Brentford, Cd, 38a
Brescia, Cb, 16
Breslau, Fc, 24a
Bresse, Ca, 15c
Brest, Ac, 45a
Brest Litovsk, Ce, 26a
Bretigny, Cb, 36a
Bridgetown, Fc, 53a
Bridgnorth, Bb, 32b; Dd, 34
Brighton, Ce, 44b
Bridlington, Fc, 37
Bridport, Df, 34
Bridgwater, Ce, 34; Bd, 38a
Brieg (Switzerland), Bb, 21a
Brieg (Silesia), Fc, 24a
Brigantes, Db, 30
Brihuega, Db, 19
Brill, Dc, 20a
Brindisi, Fd, 16
Brisbane, Id, 65a
Bristol, Df, 37; De, 34; Bd, 38a
Britain, Roman, 30
British Columbia, Cb, 57
British E. Africa, Gd, 64a
British Honduras, Dc, 53a
British Isles, 30-49
British New Guinea, Qe, 52a
British Somaliland, Ld, 52a
Brittany, Bc, 14
Brixen, Eo, 22
Broach, Cc, 61c
Broad Sound, Hc, 65a
Broceavum (Brougham), Db, 30
Brod, Ac, 28a
Broken Bay, Ie, 65a
Broken Hill, Ge, 65a
Bromsgrove, Dd, 34
Bronkers Sp., Cc, 64d
Brookline, 55b
Brooklyn, Cd, 56a
Broom, Loch, Cb, 39
Broome, Cb, 65a
Broona, River, Dc, 41
Bruce Mt., Bc, 65a
Bruffe, Cd, 42c
Bruges, Cc, 20a
Brunanburh, Ba, 32c; Cb, 32c
Brundisium, Ge, 1
Brünn, Db, 25a
Brunnen, Cb, 21a
Brunswick (Germany), Eb, 22; Cb, 24a
Brunswick (U.S.A.), Cd, 55
Brussa, Cb, 25b
Brussels, Dd, 20a
Bruttium, Fe, 16
Brythonic Celts, Ccd, 31
Bucellas, Ac, 19
Buchan, Fb, 39
Buchanan, Aa, 38b
Bucharest, De, 26a; Fc, 28a
Buchy, Ab, 52b
Buckingham, Fd, 43
Buckland (Somerset), Cf, 37
Buckland (Devon), Bg, 37
Budapest, Db, 25a
Budge-Budge, Ec, 61a
Buenaventura, Bc, 58a
Buen Ayre, Island, Fc, 53a
Buenos Aires, Dg, 58a
Buffalo, Hc, 57
Buffalo, River, Bb, 64c
Bug, River (Poland), Cc, 26a
Bug, River (Russia), Dd, 26a
Bugey, Cc, 15c
Builth, Cb, 36c
Bukku, Ab, 62
Bukovina, Fb, 25a
Bulawayo, Cb, 64d
Bulgaria, Ed, 28a
Bulgarians, Gd, 6
Bulgarians of Kazan, Hd, 27
Bulls Run, Db, 56b
Bulun, Ma, 63
Bundelkhand, Cc, 62
Bunderan, Cb, 42c
Bungay, Hd, 34; He, 37
Bunkers Hill, 55b
Burdigala, Ce, 1
Burgdorf, Ba, 21a
Burdwan, Ec, 61a, and 61b
Burford, Cc, 32a; Ee, 34
Burgh on Sands, Bc, 36d
Burgos, Da, 19
Burgundi, Gd, 1
Burgundians, Eb, 2a
Burgundy, Duchy of, Eo, 14; Ab, 23b
Burgundy, Free County of, Ec, 15b; Bb, 23b
Burgundy, Kingdom of, Fd, 14; Bb, 23a
Burgundy, Lands of the House of, 15b, 23b
Burhanpur, Ab, 59a
Burkesville, Bb, 56b
Burlington, Bd, 56a
Burma, Jf, 63
Burntisland, Eb, 43
Burton on Trent, Ee, 37
Buru, Bb, 49d
Bury, Bb, 44a
Bury St. Edmunds, Gd, 34; Ge, 37
Busaco, Ab, 19
Bushire, Ff, 63
Bute, Cd, 39
Butley, He, 37
Buton, Ab, 49d
Buxar, Db, 61a
Buzancy, Cb, 52b
Byblos (Gibelet), Cd, 29c
Byland, Ec, 37
Cabo Frio, Ef, 58a
Cabot Str., Fa, 54a
Cacabellos, Ba, 19
Caconda, Je, 49a
Cadiz, Bd, 19
Cadsand, Cc, 20a; Eb, 45a
Caerleon, Dc, 36c
Caen, Cb, 14
Caergwle, Ed, 43
Caerlaverook, Bb, 36d
Caerphilly, Cc, 36c
Caesar Augusta, Co, 1
Caesarea (Africa), Df, 1
Caesarea (Palestine), Bf, 29c
Caesarea (N. Syria), Dc, 29c
Caffraria, Ke, 50
Cagliari, Be, 18a
Cahokia, Ac, 55
Cahors, Dd, 14
Calcos, Eb, 63a
Caindu, Jd, 60
Caipha, Cf, 29c
Cairo (Egypt), Ec, 29a; Ea, 64a
Cairo (U.S.A.), Bb, 56b
Caithness, Da, 39
Calabria, Fd, 16, 17a
Calais, Ca, 36a
Calatafimi, Df, 18b
Calatayud, Eb, 19

- Calatrava, Dc, 18c
 Calcaria (Tadcaster), Ec, 30
 Calcutta, Ec, 61a, and 61b
 Caledonia, Ab, 1
 Calgary, Db, 57
 Calhoun, Cc, 56b
 Cali, Bc, 58a
 Calicut, Ac, 59a; Cc, 62
 California, Cd, 57
 Caliphate, Lf, 5
 Callan, Cd, 43
 Callander, Bb, 40b
 Callao (Peru), Be, 58b
 Calvea Atrebatum (Silchester), Ee, 30
 Callington, Dc, 43
 Calne, De, 34
 Calvinia, Aa, 64b
 Camarinal, C., 19a
 Cambalu (Peking), Pb, 46a; Kc, 60
 Cambay, and Gulf, Bc, 62
 Cambrai, Cd, 20a; Ba, 52b
 Cambridge (England), Gd, 34; Gd, 43
 Cambridge, U.S.A., 55b; Bb, 54b
 Cambuskenneth, Ec, 39
 Camden, Dc, 55
 Camelford, Dc, 43
 Campania, DEd, 16
 Campbeltown, Bc, 40b
 Camp Dick Robinson, Cb, 56b
 Campêche, Cc, 53a
 Camperdown, Fa, 45a
 Camulodunum (Colchester), Ge, 30
 Canada, Da, 55
 Canara (Kanara), Be, 61a
 Canary Isles, Bb, 64a
 Candia, Db, 29a; Cb, 29b
 Canna, Bb, 39
 Cannanore, Cc, 61d
 Canossa, Cb, 17a
 Canovium, Cc, 30
 Canso, C., Ea, 54a
 Cantabria, Bc, 2a
 Canterbury (England), He, 34; Hf, 37
 Canterbury (New Zealand), Bb, 65c
 Cantii, Ge, 30
 Canton, Kd, 60; Lf, 63
 Cape Breton I. (Ile Royale), Ea, 54a
 Cape Coast Castle, Dc, 64c
 Cape Fear, R., Dd, 55
 Cape Town, Ab, 64b
 Cape Verde Is., He, 45b
 Capitanata, Ed, 17a
 Cappadocia, Kf, 1
 Capri, Ed, 16
 Capua, Ed, 16
 Capua, Duchy of, Dd, 17a
 Caqueta, River, Cd, 58b
 Carabobo, Cc, 58b
 Caracas, Cb, 58a
 Caraconium (Catterick Bridge), Eb, 30
 Caramaina, Dc, 25b
 Carbisdale, Bb, 40a
 Carbury Hill, Cc, 40a
 Carcassonne, Ee, 14
 Cardiff, Cc, 36c; Ee, 43
 Cardigan, Bb, 36c
 Carelia, Da, 26a; Db, 27
 Carham, Fd, 39
 Carhaix, Ab, 36a
 Carinthia, Cb, 25a
 Carinthia, Duchy of, Ge, 22; Cb, 23a
 Carinthia, March of, Cb, 23a
 Carnbrooke Castle, Cd, 38b
 Carlington, Eb, 42c
 Carlisle (England), Db, 34; Cc, 36d; Dc, 37
 Carlisle (U.S.A.), Da, 56b
 Carlrow, Cd, 43
 Carlrow, Ed, 42c
 Carmarthen, Bc, 36c; Be, 34
 Carnarvon (Wales), Bc, 34; Ba, 36c
 Carnarvon (S. Africa), Ba, 64b
 Carnatio, The, Cdef, 61a
 Carnero Pt., 19a
 Carniola, Gf, 22; Cb, 25a
 Carnsore Pt., (Ed, 41
 Carolina (*see* North Carolina, South Carolina)
 Caroline Is., Qd, 52a
 Carpathian Mts., Gc, 4
 Carpentaria, Gulf of, Fb, 65a
 Carrantuhill, Bc, 41
 Carrick, Dd, 39
 Carrickfergus, Fb, 42c
 Carrick-on-Shannon, Cc, 42c
 Carrick-on-Suir, Dd, 42c
 Carricks Ford, Db, 56b
 Carrig-a-Foyle, Bd, 42c
 Carron, River, Dc, 39
 Carse of Gowrie, Ba, 36d
 Cartagena (Spain), Ed, 19
 Cartagena (New Granada), Bb, 58a
 Cartago, Bc, 58a
 Carthage (Africa), Fd, 2a
 Carthage (Missouri), Ab, 56b
 Carthage (Tennessee), Bb, 56b
 Carthago, Ff, 1
 Carthago Nova (Cartagena), Cf, 1
 Cartmel, Cd, 37
 Carumnassa, River, Db, 61a
 Carysfort, Cd, 43
 Casale, Bb, 17c
 Casco Bay, Cb, 54a
 Cashel, Dd, 41
 Caspian Sea, Eb, 59
 Caspium Mare, Ne, 1
 Cassel, Bc, 24a; Bc, 24b
 Cassiquiare, River, Cc, 58b
 Castella Branco, Bc, 19
 Castille, Kingdom of, 18c, 18d
 Castlebar, Bc, 42c
 Castle Dermot, Ed, 42c
 Castle Douglas, Cc, 40b
 Castlemartyr, Bc, 43
 Castlereagh, Cc, 42c
 Castle Rising, Gd, 43
 Castles, B. of the, Ea, 45b
 Castleton, Cc, 56a
 Castres, Dc, 15b
 Cat I., Eb, 53
 Catalonia, Fb, 19
 Catania, Ef, 16
 Cateau Cambrésis, Cb, 8
 Cathay, Kc, 60
 C. Catóche, Db, 53a
 Catskill Mts., Bc, 56a
 Cattaro, Bd, 28a
 Cattagat, Fb, 33
 Catuvellauni, Fe, 30
 Caucasus Mons, Le, 1
 Caucasus Mts., Dc, 27c
 Causennae (Ancaster), Fd, 30
 Cauvery, Cc, 62
 Cavan, Dc, 42c
 Cawdor, Eb, 39
 Cawnpore, Db, 62
 Cawood Castle, Cc, 38a
 Caxamarca, Bd, 58a
 Cayenne, Dc, 58a
 Cayman Is., Dc, 53a
 Cayoan, 49c
 Cayo Ramano, Eb, 53a
 Cayo de Doce Leguas, Eb, 53a
 Ceara, Fd, 58a
 Cedar Creek, Db, 56b
 Cedar Mountain, Aa, 56c
 Celebes, I., Ab, 49d
 Cella, Cb, 24a
 Celorico, Bb, 19
 Celts, Brythonic, Ccd, 31
 Celts, Goidelic, Bc, 31
 Central America, 47-53
 Cephalonia, Island, Cf, 28a
 Ceram, Island, Bb, 49d
 Cerdagne, 15d
 Cerignola, Fd, 8
 Cerigo, I., Dg, 28a; Bb, 29b
 Cerne, Dg, 37
 Cervera, Fb, 19
 Cetinje, Bd, 28a
 Ceuta, Cd, 19
 Cevennes Mts., Ed, 14
 Ceylon (Seylan), 59, 61a, 61a, 62
 Chabats, Bc, 28a
 Chacabaca, Bg, 58b
 Chad, L., Dc, 64a
 Chagos, Me, 51a
 Chagres, Dd, 53a
 Chalcedon, 29d
 Chaleur Bay, Da, 54a
 Chalgrove Field, Cd, 38a
 Chalons Camp, Cb, 52b
 Chalons-sur-Marne, Fb, 14
 Châlon-sur-Saône, Ec, 15a
 Chambal, River, Cb, 61a
 Chambersburg, Db, 56b
 Chambéry, Dc, 11
 Chambly, Cb, 56a
 Champion Hill, Ac, 56b
 Champagne, Eb, 14
 Champigny, Bb, 52b
 Champlain, Lake, Cb, 56a
 Chancellorsville, Aa, 56c
 Chandernagore, Ec, 61a, and 61b

Changchow, Lf, 63
 Chang-sha, Lf, 63
 Changtan, Ba, 52c
 Channel Islands, Bb, 14
 Chapelle St. Lambert, 20b
 Chard, Bd, 38a
 Charente, Bd, 36a
 Charford, Cc, 32a
 Charleroi, 20b and Dd, 20a
 Charles Cape, Do, 55
 Charleston (N. Hampshire),
 Co, 56a
 Charleston (S. Carolina), Bd,
 54a; Co, 56b
 Charleston (W. Virginia), Cb,
 56b
 Charlestown (Natal), Aa, 64c
 Charleville, Bd, 43
 Charlottesville, Db, 56b
 Charlottetown, Ic, 57
 Charter, S. Africa, Da, 64d
 Chartres, Db, 14; Ab, 52b
 Chartreux, Fd, 14
 Château Gaillard, Fd, 35
 Château Thierry, Bb, 52b
 Châteaudun, Ab, 52b
 Châteauroux, Cc, 15a
 Châtellerauld, Fe, 35
 Chatham, Db, 45a
 Chatham Islands, Og, 65a
 Chattahoochee, River, Bd, 55
 Chattanooga, Bb, 56b
 Chaumont, Cb, 52b
 Chaves, Bb, 19
 Cheadle, Cd, 40b, Inset
 Chegar, River, 61d
 Chekiang, Ld, 60
 Chelyuskin, Cape, Ka, 63
 Chemnitz, Do, 24b
 Chenab, River, Ba, 61a
 Chengtu, Ke, 63
 Chepstow, De, 34; Do, 36c
 Cheraw, Do, 56b
 Cherbourg, Co, 45a
 Cherchen, Hc, 59
 Cheriton, Cd, 38a
 Chernaya, 27a
 Chernigof, Ec, 26a; Ed, 27
 Cherokees, Cc, 55
 Cher, River, Do, 14
 Cherson, Ic, 7
 Chertsey, 37
 Chesapeake Bay, Do, 55
 Chester, De, 34; Dd, 37
 Chiamdo, Je, 63
 Chiapas, Cc, 53a
 Chiavenna, County, Db, 21a
 Chicago, Gc, 57
 Chichester, Ff, 34; Fg, 37
 Chickahominy, Ab, 56c
 Chickamauga, Bc, 56b
 Chickasaws, Cc, 55
 Chidambaram, 61d
 Chiem, Lake, Ea, 21b
 Chiesi, River, Cb, 16
 Chieti, Ec, 18a
 Chieveley, Ab, 64c
 Chifoo, Me, 63
 Chignecto, Ea, 54a
 Chihuahua, Bb, 53a

Chilianwala, Ba, 62
 Chile, Bigh, 58a
 Chillon, Ab, 21a
 Chiloe Is., Bb, 58a
 Chimay, Dd, 20a
 China, 52a, 63
 Chinampo, Cb, 52c
 Chinchowfu, Aa, 52c
 Chinde, Ke, 52a
 Chinese Turkestan, Ic, 63
 Ching-kiang, Me, 63
 Chingleput, 61d
 Chinon, Cc, 15b
 Chinsura (Bengal), Ec, 61a,
 and 61b
 Chioggia, Db, 17c
 Chios, I., He, 8; Ef, 28a
 Chippenham, Bc, 32c; De, 34
 Chipping Norton, Ee, 34
 Chirk, Cd, 34; Bc, 38b
 Chita, Lc, 63
 Chitaldroog, Ce, 61d
 Chittagong, Fe, 62
 Choctaws, Bd, 55
 Choczim, Dd, 28a
 Cholula, Cc, 53a
 Chongju, Cb, 52c
 Chota Nagpur, Do, 61c
 Chotusitz, Ed, 24a
 Christchurch (England), Ef,
 34; Eg, 37
 Christchurch (New Zealand),
 Bb, 65c
 Christiania, Aa, 26a
 Christiansborg, Do, 64c
 Christmas I., Oe, 52a
 Chrysopolis, 29d
 Chud, Jg, 5
 Chugachak, Id, 63
 Chukhi, Rb, 63
 Chung-king, Kf, 63
 Chur, Dd, 21a
 Ciamba, Je, 60
 Cilandu, Kb, 60
 Cilicia, Kf, 29c
 Cin (Sea of), Ld, 60
 Cincinnati, Cb, 56b
 Cincars, Northern, Dd, 61a
 Circassia, Gf, 27
 Circesium, Lf, 1
 Cirencester, Cc, 32b; Df, 37;
 Cd, 38a
 Cirta, Ef, 1
 Citatea, Do, 28a
 Citeaux, Fe, 14
 Citronelle, Bc, 56b
 City Point, Ab, 58c
 Ciudad Real, Do, 19
 Ciudad Rodrigo, Bb, 19
 Civitate, Ed, 17a
 Civitavecchia, Cc, 17c
 Civitella, Do, 17c
 Clairvaux, Fb, 14
 Clare (Ireland), Cc, 41
 Clare, Gd, 34
 Clare, Lands of House of, Co,
 36c
 Clarendon, Ec, 35
 Clanwilliam, Ab, 64b
 Clausentum, Ef, 30

Cleeve, Cf, 37
 Clermont (Auvergne), Ed, 14
 Clermont (Champagne), Cb,
 52b
 Cleveland (England), Ca, 32a
 Cleveland (U.S.A.), Cb, 56b
 Cleves, Fe, 20a; Ac, 24a
 Cleves, County of, Cb, 20c
 Clew B., Bc, 41
 Clifton, Ao, 40b, Inset
 Clinton, Cb, 56b
 Clisson, Bc, 36a
 Clissow, Cc, 26a
 Clitheroe, Do, 34; Bc, 38a
 Clougher, Db, 41; Db, 42c
 Clonakilty, Bc, 43
 Clonard, Do, 41
 Clones, Db, 42c
 Clonfert, Cc, 41
 Clonmacnoise, Do, 41
 Clonmel, Dd, 42c
 Clonmines, Cd, 43
 Clontarf, Ec, 42c
 Cloyne, Cc, 41
 Cloudy Bay, Bb, 65c
 Clove Is., Lg, 60
 Clun, Cb, 36c
 Cluny, Fe, 14
 Clydesdale, Ed, 39
 Coblenz, Ba, 23c; Ac, 24a
 Cochín, Ad, 59a; Cc, 61d
 Cockermouth, Cb, 34; Ec, 43
 Cocos Is., Ne, 52a
 Cod, Cape, Bb, 54b
 Coggeshall, Gf, 37
 Coiba I., Dd, 53a
 Coimbatore, Ce, 61d
 Coimbra, Ab, 19
 Colchester, Ge, 34; Gf, 37
 Cold Harbour, Ab, 56c
 Col de Larche Pass, Bb, 21b
 Col di Tenda Pass, Bb, 21b
 Coldingham, Eb, 37
 Coldstream, Bb, 38a; Bc, 40a
 Colenso, Ab, 64c
 Coleraine, Ea, 42a
 Coleroon, Ge, 59
 Colesberg, Ca, 64b
 Colima, Bc, 53a
 Coll, Island, Bc, 39
 Collier Bay, Cb, 65a
 Colmar, Bb, 23c
 Cologne, Cc, 22; Ac, 24a
 Colombey, Db, 52b
 Colombia, State, Bc, 58b
 Colombo, Df, 62
 Colonia Agrippina, Ec, 1;
 Ed, 31
 Colonsay, Island, Bc, 39
 Colorado, River (Argentina,
 Rep.), Cg, 58b
 Colorado, River (U.S.A.), Dd,
 57
 Colorado (U.S.A.), Ed, 57
 Columbia (Virginia), Do, 55
 Columbia (Kentucky), Bb, 56b
 Columbia (S. Carolina), Cc, 56b
 Columbia (Tennessee), Bb, 56b
 Columbus (Kentucky), Bb, 56b
 Columbus (Georgia), Cc, 56b

- Combermere, De, 37
 Comeragh Mts., Dd, 41
 Commanders Islands, Qc, 63
 Comminges, 15d
 Como, Bb, 17a; Bb, 17c
 Como, Lake, Bb, 16
 Comorin, C. (Komari), Gf, 59
 Comoro, Le, 52a
 Compiègne, Eb, 14; Db, 36b
 Compostella, Santiago de, Aa, 18c
 Concans (Koncans), Db, 42c
 Concepcion, Bg, 58a
 Concord, Cb, 54a; Bb, 54b
 Condamine, River, Id, 65a
 Condé, Cd, 20a
 Congo, River, Fd, 64a
 Congo (Kingdom), Je, 48
 Congo (Belgian), Ke, 52a; Fe, 64a
 Conjeeveram, 61d
 Conn, Lake, Bc, 41
 Connacht, Cc, 41
 Connaught, Bc, 42a
 Connecticut, Cb, 54a
 Connor, Eb, 41
 Constance, Da, 21a; De, 22
 Constance, L. of, De, 22; Da, 21a
 Constantia, Ab, 64b
 Constantinople, Cb, 25b; Ge, 28a
 Constantinopolis (Byzantium), Ie, 1
 Conway, Cc, 34; Ca, 36c
 Cooch Behar, Eb, 61c
 Cook Is., Be, 52a
 Cook, Mt., Mg, 65a
 Cook Strait, Mg, 65a
 Coolgardie, Cc, 65a
 Coorg, Cc, 61d
 Copenhagen, Ea, 13; FGc, 33
 Coquet, R., Cb, 38a
 Corbeil, Eb, 14; Bb, 52b
 Corbridge, Ea, 34
 Cordoba (Argentine Rep.), Cg, 58b
 Cordova (Spain), Cd, 19
 Cordova, Caliphate of, Be, 4
 Corduba, Cf, 1
 Corea, Cb, 52c
 Corentyne, River, Dc, 58b
 Corfe Castle, Bd, 38a
 Corfu, Island, Bf, 28a
 Corinth, Dg, 28a
 Corinth (U.S.A.), Bc, 56b
 Corinium, Ee, 30
 Coritavi, Fe, 30
 Cork, Cc, 41
 Cormantine, Dc, 64c
 Cornavii, Dd, 30
 Coro, Cb, 58a
 Coromandel Coast (India), De, 61a
 Coromandel (N. Zealand), Ca, 65c
 Corpus Christi, Cb, 53a
 Corrib, Lake, Bc, 41
 Corrientes, Df, 58a
 Corrieyairack, P., Cb, 40b
 Corsica, Island, Bc, 16
 Corstopitum (Corbridge), Eb, 30
 Cortenuova, Bb, 17b
 Cortona, Fe, 16; Cc, 17c
 Corunna, Aa, 19
 Corydon, Bb, 56b
 Cosyell's Ferry, Bd, 56a
 Cos, Island, Fg, 28a
 Cosenza, Fe, 16
 Cossimbazar, Ec, 61a and 61b
 Costa Rica, Dc, 53a
 Coteau du Lac, Cb, 56a
 Cotentin, Bb, 36a
 Courtrai, Cd, 20a; Da, 36a
 Coutances, Cb, 14
 Covelong, 61d
 Coventry, Cb, 32d; Ed, 34; Ee, 37
 Covington, Cb, 56b
 Cowal, Cd, 39
 Cowbridge, Ee, 43
 Cowpen, Cd, 55
 Cozumel, Db, 53a
 Cracow, Da, 25a; Bc, 26a, and 26b
 Crail, Eb, 43
 Craiova, Ee, 25a; Dc, 28a
 Cranganore (Kranganur), Ce, 61d
 Crecy, Ca, 36a
 Crediton, Bd, 38b
 Creeks, Bd, 55
 Crefeld, Ac, 24a
 Crema, Bb, 17c
 Cremona, Cb, 16 and 17c
 Crespi, Cc, 8
 Creta, Hf, 1
 Crete, 28, Inset
 Crete (Candia), I., Cb, 29a
 Crevant, Dc, 36b
 Crewkerne, Bd, 38b
 Criecieth, Bb, 36c
 Crickhowell, Dc, 36c
 Cricklade, Ee, 34; Fe, 43
 Crief, Cb, 40b
 Crim Tartary, Ea, 25b
 Crimea, Ed, 26a; Ee, 27, and 27a and b
 Crinan, Cc, 39
 Croagh Patrick, Bc, 41
 Croatia, Db, 25a
 Croats, Fd, 6
 Croceraguel, Bb, 37
 Cromarty, Bb, 40b
 Cronstadt, Ia, 13
 Cropredy Bridge, Cc, 38a
 Crowland, Db, 32a; Fe, 37
 Crown Point, Cb, 56a
 Croxton, Fe, 37
 Croydon, Cc, 44b
 Ctesiphon, Lg, 1
 Cuba, Eb, 53a
 Cuddalore, 61d
 Cuddapah, Cc, 61c
 Cuenca (Peru), Bd, 58a
 Cuenca (Spain), Db, 19
 Culebra B., Dc, 53a
 Cullen, Cb, 40b
 Culpeper, Aa, 56c
 Cumana, Cb, 58a
 Cumberland Ford, Cb, 56b
 Cumberland Gap, Cb, 56b
 Cumberland G., Da, 49b
 Cumberland, River, Bc, 55
 Cumbria, Ba, 32a; Fe, 39
 Cumnock, Bc, 40a
 Cunetio, Ec, 30
 Cunningham, Dd, 39
 Cupar, Cb, 40a; Eb, 43
 Curaçoa, Fe, 53a
 Curitiba, Ef, 58b
 Cutch, Ac, 62
 Cuttack, Ec, 61a
 Cuxhaven, Bb, 24b; Ha, 45b
 Cuyaba, Brazil, De, 58a
 Cuzco, Be, 58a
 Cydnus, River, Ba, 29c
 Cyprus, Db, 29b
 Cyrene, Hg, 1
 Cythnos, Is., Eg, 28a
 Czaslau, Ed, 24a
 Czechs, 4a
 Czernowitz, Ea, 28a
 Dacca, Fe, 61a, and 61b
 Dacia, He, 1
 Daegsastan, Fe, 39
 Daghestan, Hf, 27
 Dagö, Island, Cb, 26a
 Dahomé, Ec, 64c
 Dal Arridhe, Eb, 41
 Dalecarlia, Ea, 8
 Dalgety, Hf, 65a
 Dalkeith, Cc, 40b
 Dalmatia, Fe, 16 and 17c
 Dalriada (Ireland), Ea, 41
 Dalriada (Scotland), 39a
 Dalton, Cc, 56b
 Dalry (Ayrshire), Bc, 40a
 Dalry (Kirkcudbright), Bc, 40a
 Dalny, Ab, 52c
 Daman, Bc, 61a
 Damasus, Cc, 69; De, 29c
 Damietta, If, 6; Ec, 29a
 Damme, Gc, 35; Eb, 45a
 Damnonii, Bf, 30
 Dampier Land, Cb, 65a
 Dampier Str., Qc, 49a
 Danger, R., Id, 65a
 Danishmend, Lands of, Je, 6
 Dantsic, *see* Danzig
 Danube, R., Gd, 4; Db, 23c; Dd, 28a
 Danubius Fl., Ie, 1
 Danubyu, Gd, 62
 Danum (Doncaster), Ec, 30
 Danville, Db, 56b
 Danzig, Bc, 26a; Ga, 24a
 Dardanelles, The, Fa, 28a
 Dardjeeling, If, 63
 Darien, Ed, 53a
 Darling, River, Gc, 65a
 Darmstadt, Bd, 24b
 Dartford, Gf, 37
 Dartmouth (Devon), Cf, 34
 Dartmouth (Nova Scotia), Eb, 54a
 Dauphiné, Ed, 15a

- Davis Strait, Ea, 49b
 Dawson, Ba, 57
 Dean, Forest of, De, 30
 Debateable Land, Fd, 39
 Decatur, Bc, 56b
 Deccan, The, 61a, 61b, 62
 Decies, Dd, 41
 Deddington, Ee, 34
 Deerfield, Cb, 54a
 Deganwy, Ca, 36c
 Deira, Ca, 32a
 Delagoa Bay, Dc, 64d
 Delaware, Db, 55
 Delaware Bay and River, Bc, 54c
 Delft, Db, 20a
 Delhi, Ab, 59a; Cb, 61a
 Dely, Ge, 69
 Demerara, Dc, 58a
 Demetæe, Bd, 30
 Demopolis, Bc, 56b
 Denain, Cb, 10
 Denbigh, Ba, 36c
 Dendermonde, Dc, 20a
 Denia, Fc, 19
 Denmark, Eb, 7, 8, 9, etc.
 Denver, Ed, 57
 Deorham, Bc, 32b
 Derbent, Hf, 27
 Derby, Cb, 32c; Ed, 34
 Derg, L., Cd, 41
 Derry (Londonderry), Db, 41; Db, 42c
 Dêshima, Pc, 49a
 Desmond, Bc, 41
 Despoto Dagb Mts. (Rhodope), Ee, 28a
 Desterro, Ef, 58b
 Detmold, Bc, 24b
 Detroit, Cb, 55
 Dettingen, Bc, 24a
 Deva (Chester), Dc, 30
 Deventer, Fb, 20a
 Deveron, R., Fb, 39
 Devikottai, 61d
 Devizes, De, 34; Cd, 38a
 Devonport, Ab, 45a
 De Witts Ld., Pf, 48a
 Diaz, Jf, 46a
 Diedenhofen, Cb, 52b
 Nieppe, Cb, 15b
 Dieudacres, Dd, 37
 Dijon, Fe, 14
 Dinan, Ab, 36a
 Dinant, Dd, 20a
 Dinapore, Db, 62
 Dindigul, Ce, 61d
 Dingle, Ad, 42c
 Dingle B., Ad, 41
 Dingwall, Bb, 40a
 Dinwiddie, Ab, 66c
 Dirleton, Ca, 36d
 Dissentis, Cb, 21a
 Diu, Ab, 59a; Bc, 61a
 Dixmude, Bc, 20a
 Djagatal Empire, Hb, 59
 Dnieper, R., Ce, 27c
 Dniester, R., De, 27
 Doab, The, Cb, 61a
 Dobbs Ferry, Cd, 56a
 Dobruja, Gc, 28a
 Dobuni, De, 30
 Dodinga, 49c
 Dog Spring, Ab, 56b
 Dol, Ed, 35
 Domfront, Ed, 35
 Dominica, Island, Fc, 53a
 Don, R., Do, 27c
 Donauwörth, Db, 23c
 Doncaster, Cc, 38b
 Don Cossacks, Ge, 27
 Donegal, Bc, 43
 Doneraile, Bd, 43
 Donetz, R., Co, 27c
 Donnington Castle, Cd, 38b
 Dora Baltea, River, Bb, 21b
 Dorchester (Bishopric), 37a
 Dorchester (U.S.A.), 55b
 Dorchester (Dorset), Dg, 37; Df, 34
 Dorchester (Oxon.), Ef, 37; Ce, 32a
 Dordogne, River, Dd, 14
 Dore, Cb, 32b
 Dornach, Ba, 21a
 Dornoch, Bb, 40a, 40b
 Dorpat, Dc, 27
 Dort, Dc, 20a
 Dorylaeum, Ie, 6; Eb, 29a
 Douai, Cd, 20a
 Douba, River, Fe, 14
 Douglas Castle, Bb, 36d
 Douglas Dale, Bb, 36d
 Douro, R., Bb, 19
 Dover (England), He, 34; Hf, 37
 Dover (U.S.A.), Bb, 54b
 Down, Fb, 41
 Downpatrick, Fb, 42c
 Downs, The, Db, 45a
 Downton, Ef, 34
 Dragashan, Ec, 28a
 Drave, River, Fc, 4
 Drenthe, Fb, 20a
 Dresden, Dc, 24a
 Dreux, Cb, 15b; Ab, 52b
 Drina, R., Bc, 28a
 Drogheda, Ec, 42c
 Droitwich, Dd, 34; Ed, 43
 Dromore, Eb, 42c
 Drumclog, Bc, 40b
 Dubienka, Cc, 26b
 Dublin, Ec, 41; Ec, 42c
 Dübrik, Ed, 28a
 Dubrae (Dover), He, 30
 Dudley, Dd, 34
 Duleek, Ec, 41; Ec, 42c
 Dumbarton, Dd, 39
 Dumfries, Ed, 39
 Düna, River, Bb, 27c
 Dunadd, 39a
 Dünaburg, Dc, 27
 Dunbar, Fc, 39; Cb, 36d; Cc, 40b
 Dunblane, Cb, 40b
 Dundalk, Ec, 42c
 Dundee (Scotland), Cb, 40b
 Dundee (Natal), Bb, 64e
 Dundonald Castle, Ab, 36d
 Dunedin, Bc, 45c
 Dunfermline, Ec, 39; Ba, 3d6
 Dungan, Id, 63
 Dungannon, Cc, 43
 Dunganvan, Dd, 42c
 Dungeness, Db, 46a
 Dunkeld, Cb, 40b
 Dunkswell, Cg, 37
 Dunkirk, Eb, 45a; Bc, 20a
 Dunlavin, Ec, 42c
 Dunleer, Cd, 43
 Dunmore Head, Ad, 41
 Dunolly, Cc, 39
 Dunottar (Castle), Fe, 39
 Dunrobin Castle, Cb, 40b
 Duns, Cc, 40a
 Dunstable, Ff, 37
 Dunstaffnage, 39a
 Dunstanburgh, Ea, 34; Db, 36d
 Dunster, Bd, 38a
 Dunvegan, Bb, 39
 Dunwich, Db, 32a; Hd, 34, 37a; Gd, 43
 Dupplin Moor, Ba, 33d
 Durance, River, Fe, 14
 Durango, Bb, 53a
 Durazzo, Bc, 28a
 Durban, Bb, 64e
 Durham, Eb, 34; Ec, 37
 Durham, Palatinate of, Eb, 34
 Durinish, Bb, 39
 Durness, Da, 39
 Durness, Kyle of, Da, 39
 Durnovaria (Dorchester), Df, 30
 Durocortorum (Remi), Dd, 31
 Durobrivæ (Rochester), Ge, 30
 Durotriges, Df, 30
 Durovernum (Canterbury), Ge, 30
 Düsseldorf, Ac, 24b
 Dutch East Indies, Oe, 52a
 Duxbury, Bb, 54b
 Dvina, R. (Düna), Da, 27c; Gb, 26
 Dyle, River, 20b
 Dyrrhachium, Ge, 1
 Dysart, Eb, 43
 Dyserth, Ca, 36c
 Easter I., Df, 52a
 Eastern Empire, 4, 6, 7, 29a, 29b
 Eastern Pomerania, Fb, 9; Fa, 24a
 Eastern Rumelia, Ed, 28a
 East Friesland, Ab, 24a
 East Grinstead, Fe, 43
 Eastham, Cc, 54b
 East London, Cb, 64b
 East Looe, De, 43
 Eastphalia, Eb, 22
 East Prussia, Ha, 24a
 East Retford (Notts), Fd, 43
 Ebro, R., Da, 19
 Eburacum (York), Ec, 30
 Ecclefechan, Cc, 40b
 Echallens, Ab, 21a
 Ecuador (Republic), Bd, 58b

Eddisbury, Bb, 32c
 Eden, R., Cc, 36d
 Edessa, Fb, 29a; Ea, 29c
 Edge Hill, Cc, 38a
 Edgecot, Ed, 34
 Edinburgh, Bb, 36d; Ed, 39;
 Cc, 40a and 40b
 Edlington, Df, 37
 Edmonton, Db, 57
 Eecloo, Cc, 20a
 Eger, Dc, 24a; Ca, 25a
 Egremont, Cb, 34
 Egripo (Negropont), Df, 28a
 Egypt, Ig, 5; Ed, 29a; Ce,
 25b; Gb, 64a.
 Egyptian Sudan, Kd, 52a
 Ehrenbreitstein, Ba, 23c
 Ehresburg, Db, 4
 Eigg, Island, Bc, 39
 Eisenach, Da, 23c
 Ekaterinoslaf, Ee, 27
 Elandslaagte, Ab, 64e
 Elba Island, Cc, 16
 Elbe, River, Ef, 22
 Elberfeld, Ac, 24b
 Elbeuf, Cb, 38a
 Elbing, Ga, 24a; Bc, 28a
 Elburz Peak, Dc, 27c
 Electoral Palatinate, Bb, 23b
 Electoral States, 23b (*see* re-
 ference).
 Eleuthera, Eb, 53a
 El Dorado, Fd, 53a
 Elgin, Eb, 39; Cb, 40b
 El Hasa, Ef, 63
 Elim, Ab, 64b
 Ellice Is., Re, 52a
 Elliot Is., Bb, 52c
 Elmham, Db, 32b
 Elmham (Bishopric), 37a
 Elmet, Cb, 32a
 Elmina, Dc, 64c
 El Morro, Db, 53a
 El Paso, Dc, 49a
 Elphin, Cc, 41; Cc, 42c
 Elster, R., Fc, 22
 Elstow, Fe, 37
 Elvas, Cc, 19
 Ely, Ge, 37
 Embrun, Gd, 14
 Emden, Ab, 24a
 Emesa, Dd, 29c
 Emilia, Cb, 17c
 Emly, Cd, 41; Cd, 42c
 Empingham, Fd, 34
 Empire, The, Jb, 46a
 Ems, River, Cb, 22
 Enaghduin, Bc, 41
 Enderby Land, 51c
 Engadi, Cg, 29c
 Engelberg, Cb, 21a
 Enghien, 20b, and Dd, 20a
 England, 30-38, 43, 44
 Englefield, Cc, 32b
 Enkhuizen, Eb, 20a
 Ennis, Cd, 42c
 Enniscorthy, Ed, 42c
 Enniskillen, Db, 42c
 Epernay, Bb, 52b
 Ephesus, Id, 2a

Epinal, Db, 52b
 Epirus, Bb, 29b
 Epworth, Fd, 37
 Erebus Mt. 51c
 Erfurt, Eb, 3
 Erie, Lake, Cb, 55
 Eries (tribe), Ab, 54a
 Eritrea, Ld, 52a
 Erivan, Gf, 27; Ed, 63
 Ermine Street, Fd, 30
 Ermland, Hb, 24a
 Erne, L., Db, 41
 Errigal Peak, Ca, 41
 Erromango, Lb, 65a
 Erzerum, Fc, 25b; Gg, 27
 Erzingyan, Cc, 59
 Eshowe, Bb, 64e
 Eskdale, Ed, 39
 Esmeraldas, Bc, 58b
 Espinosa, Da, 19
 Espirito Santo, Ef, 58a
 Essequibo, River, Dc, 58a
 Estcourt, Ab, 64e
 Este, Lands of the House of,
 Cb, 17c
 Este, Cb, 17c
 Esthonia, Db, 26a, 26b
 Estremadura (Portugal), Ac, 19
 Estremadura (Spain), Bc, 19
 Etampes, Eb, 14; Bb, 52b
 Etaw Springs, Cd, 55
 Ethandun, Bc, 32b
 Etna, Mt., Ef, 16
 Etropol, Ed, 28a
 Ettrick Forest, Bb, 36d
 Eu, Db, 14
 Eupatoria, 27b
 Euphrates, River, Lf, 5;
 Dc, 59
 Eure, R., Ab, 52b
 Europa Pt., 19a
 Europe, 1-13
 Everglades, Db, 53a
 Evesham, Ed, 34; Ee, 37
 Evora, Bc, 19
 Evreux, Db, 14; Ab, 52b
 Exarchate, The, Cb, 16
 Exeter, Cf, 34; Cg, 37
 Exmouth, Gulf, Ac, 65a
 Eye, Hd, 34
 Eylau, Ha, 24a
 Eyre, Lake, Fd, 65a
 Eyre's Peninsula, Fe, 65a
 Faddiley, Bb, 32a
 Faenza, Cb, 17c
 Fairfield, Cb, 64b
 Fair Oaks, Ab, 56c
 Faizabad, Gc, 59
 Falaise, Cb, 14; Ed, 35
 Falkirk, Bb, 36d; Cc, 40b
 Falkland Is., Di, 58a
 Falmouth (England), Ab, 45a;
 Ac, 44a
 Falmouth (U.S.A.), Aa, 56c
 False Bay, Ab, 64b
 Famagusta, Eb, 29a; Ac, 29c
 Famia (Apamea), Dc, 29c
 Fanning I., Bd, 52a
 Fao, Ef, 63

Fareham, Ef, 34
 Farmington, Bc, 56b
 Farnham, Cd, 38a
 Faroe Is., Ba, 31
 Farrukhabad, Cb, 61c
 Fars, Mf, 5
 Fast Castle, Cb, 36d
 Fatehgarh, Cb, 62
 Fatimite Caliphate, Gg, 6
 Faversham, Gf, 37
 Fayetteville (Tennessee), Bb,
 56b
 Fayetteville (Missouri), Ab,
 56b
 Fayetteville (N. Carolina),
 Db, 56b
 Fécap, Db, 14; Dc, 45a
 Fehmarn Island, Ca, 24b
 Fehrbollin, Db, 24a
 Feltre, Ca, 17c
 Fenghwangcheng, Ca, 52c
 Feolent, C., 27a
 Ferghana, Eq, 5; Hd, 63
 Fermo, Dc, 16; Dc, 17c
 Fermoy, Cd, 42c
 Fernando Po, Island, Dd, 64a
 Ferns, Ed, 41; Ed, 42c
 Ferozepore, Ba, 62
 Ferozeshah, Ba, 62
 Ferrara, Cb, 16; Cb, 17c
 Ferreus (Orontes), River, Dc,
 29c
 Ferrol, Aa, 19; Kb, 45b
 Ferrybridge, Ec, 34
 Fethard, Cd, 43
 Fez, Bf, 13
 Fez, Sultanate of, Be, 8
 Fiesole, Cc, 17c
 Fife, Ec, 39
 Figueras, Ga, 19
 Fiji Islands, Nb, 65a
 Findhorn, Eb, 39
 Findon, Cb, 40b
 Fingoes (Tribe), Ca, 64b
 Finisterre, C., Aa, 19
 Finland, 26a, 26b
 Fishers Hill, Db, 56b
 Fishguard, Aa, 45a
 Fishkill, Cd, 56a
 Fiume, Cb, 25a
 Five Forks, Ab, 56c
 Flanders, Bc, 20a; Ea, 14
 Flarchheim, Ec, 22
 Fleix, Cd, 15b
 Flensburg, Ba, 24b
 Fleurus, 20b and Dd, 20a
 Flinders Bay, Be, 65a
 Flinders Island, Hg, 65a
 Flinders River, Gb, 65a
 Flint, Ed, 43
 Flodden Field, Cc, 40a
 Florence, Cc, 16; Cc, 17c and
 17e
 Flores, Island (Azores), Hc,
 45b
 Flores, Island (Malay Arch.),
 Ac, 49d
 Florida, Gc, 57
 Flushing, Cc, 20a; Eb, 45a
 Flüelen, Cb, 21a

- Fochabers, Cb, 40a; Cb, 40b
 Focsani, Dd, 26b
 Foggia, Ed, 17b
 Fond du Lac, Aa, 55
 Fontainebleau, Cc, 11; Bb, 52b
 Fontaine, 20b
 Fontanet, 4a
 Fontenoy, Cd, 20a
 Fontevault, Ee, 35
 Foochow, Lf, 63
 Ford, Cg, 37
 Fore, Cd, 43
 Forfar, Cb, 40b
 Forli, Db, 17b
 Formigny, Bb, 36b
 Formosa, Island, Ld, 60; Mf, 63
 Fornovo, Cb, 17c
 Forres, Eb, 39; Cb, 40a
 Forth, Firth of, Fc, 39
 Fort Albany, Gb, 57
 Fort Alexander (B.N. America), Fb, 57
 Fort Alexander (Sebastopol), 27a
 Fort Anne, Cc, 56a
 Fort Assomption, Cb, 56a
 Fort Augusta, Db, 55
 Fort Augustus, Bb, 40b
 Fort Caroline, Da, 53a
 Fort Chartres, Ac, 55
 Fort Chelmsford, Bb, 64c
 Fort Clinch, Cc, 56b
 Fort Constantine, 27a
 Fort Crèvecoeur, Ab, 55
 Fort Cumberland, Dc, 55
 Fort Donnelson, Bb, 56b
 Fort Duquesne (Pittsburg), Cb, 55
 Fort Edward, Cb, 55; Cc, 56a
 Fort Evelyn, Bb, 64c
 Fort Frontenac, Db, 55
 Fort George (Hudson), Cc, 56a
 Fort George (Natal), Bb, 64c
 Fort George (Scotland), Bb, 40b
 Fort Harris, Bb, 56b
 Fort Henry, Bb, 56b
 Fort Independence, Cc, 56a
 Fort Jackson, Bd, 56b
 Fort James, Id, 48a
 Fort la Baye, Bb, 55
 Fort Lawrence, Ea, 54a
 Fort le Boeuf, Cb, 55
 Fort McAllister, Cc, 56b
 Fort Miami, Bb, 55
 Fort Millin, Be, 56a
 Fort Monroe, Bb, 56c
 Fort Moultrie, Dc, 56b
 Fort Napoleon, Bb, 64c
 Fort Nassau, 49c
 Fort Niagara, Db, 55
 Fort Nottingham, Ab, 64c
 Fort Oswego, Db, 55
 Fort Pemberton, Ac, 56b
 Fort Pillow, Bb, 56b
 Fort Providence, Da, 57
 Fort Prudhomme, Bc, 55
 Fort Pulaski, Cc, 56b
 Fort Rae, Da, 57
 Fort Randolph, Bb, 56b
 Fort Resolution, Da, 57
 Fortrose, Db, 43
 Fort Royal, Fc, 53a
 Fort St. David, 61d
 Fort St. Esprit, Aa, 55
 Fort St. George, 61d
 Fort St. Joseph, Bb, 55
 Fort St. Miguel, Dg, 58b
 Fort St. Philip, Bd, 56b
 Fort Sandeman, Aa, 62
 Fort Smith, Ab, 56b
 Fort Sumter, Dc, 56b
 Fort Stanwix or Schuyler, Bc, 56a
 Fort Toronto (York), Db, 55
 Fort Victoria, Bb, 64c
 Fort Washington, Bb, 56a
 Fort Western, Ed, 55
 Fort William (Scotland), Bb, 40a; Cc, 39
 Fort William (India), Nc, 50
 Fort William Henry, Cc, 56a
 Fosse Way, Ed, 30
 Fotheringhay, Fd, 34; Fe, 37
 Fougères, Bb, 36b
 Fountains, Ec, 37
 Four Cantons, L. of, Ca, 21a
 Fowey, Ad, 38b
 Foyle, L., Da, 41
 France, 14, 15, 36a, 36b
 France Antarctique (Brazil), Ef, 58a
 France, Isle de, Lf, 50
 Franche Comté, Dc, 15c
 Franci, Cc, 1
 Francia, Duchy of, Eb, 14
 Franco-German War, 52b
 Franconia, Dc, 22
 Frankfurt (U.S.A.), Cb, 56b
 Frankfurt, Dc, 22; Bc, 24a
 Franklin (U.S.A.), Bb, 56b
 Franklin (B.N.A.), Fa, 57
 Franks, Da, 2a
 Fraserburgh, Cb, 40b
 Fraxinetum, Ge, 14
 Fredericksburg (Virginia), Aa, 56c
 Fredericksburg (W. Africa), Dd, 64c
 Fredrickton, Ic, 57
 Freetown, Bc, 64c
 Freiburg, Bc, 23c
 Fremantle, Be, 65a
 French Indo China, Od, 52a
 French, R., Aa, 54a
 French Broad, R., Cb, 56b
 French Equatorial Africa, Jd, 52a
 Frew, Ford of, Bb, 40b
 Fribourg, Swiss canton and town, Bb, 21a
 Friedland, Ha, 24a
 Friesland, Ab, 22
 Friesland (East), Ab, 24a
 Frisian Islands, Ga, 45a
 Frisians (tribe), Ea, 2a
 Fritzlar, Dc, 22
 Friuli, Da, 16
 Frome, Bc, 44a
 Fronsac, Bd, 4
 Froeschweiler, Db, 52b
 Frutigen, Bb, 21a
 Fuentes de Onoro, Bb, 19
 Fugin (Foochow), Kd, 60
 Fujiyama, Mc, 60
 Fukien, Kd, 60
 Fulda, Dc, 22
 Funchal, Jc, 45b
 Furka Pass, Ca, 21b
 Furnes, Bc, 20a
 Furness, Cc, 37
 Fusan, Me, 63
 Fyfield, Cc, 32d
 Fyrie, Cc, 40a
 Gabbards, The, Db, 45a
 Gadara, Cf, 29c
 Gades, Bf, 1
 Gaeta, Dd, 16
 Gaikas, Cb, 64b
 Gaines, Cb, 32a
 Gaines Mill, Ab, 56c
 Gainesville, Bc, 56b
 Gainsborough, Cc, 38a; Cb, 32d
 Gairloch, Cb, 39
 Galapagos Is., Ee, 52a
 Galar, Dd, 26b
 Galatia, Jf, 1
 Galatz, Fc, 28a
 Galicia (Spain), Ba, 19
 Galicia (Austria), Eb, 25a
 Galitch, Gc, 27
 Gallia, Dd, 1
 Gallipoli, Cb, 25b; Fe, 28a
 Galloway, De, 39
 Galty Mts., Cd, 41
 Galway, Bc, 42c
 Gambia, River, Ab, 64c
 Ganges, River, 62; If, 63
 Garda, Lake, Cb, 16
 Garfagnana, 17c
 Gargano, Monte, Ed, 16
 Garigliano, River, Dd, 16
 Garonne, River, 14
 Gascony, Cc, 14
 Gascoyne, River, Bd, 65a
 Gaspé, Da, 54a
 Gaspereau, Ea, 54a
 Gassentino, 17c
 Gateshead, Ca, 44b
 Gatton (Surrey), Fe, 43
 Gawilgarh, Cc, 61c
 Gaza, Bg, 29c
 Gelderland, EFb, 20a
 Gembloux, 20b and Dd, 20a
 Genappe, 20b and Dd, 20a
 Geneva, Ab, 21a
 Geneva, Lake, Ab, 21a; Ba, 21b
 Genoa, Bb, 16; Bb, 17c
 Gensan, Me, 63
 George, Bb, 64b
 George, Lake, Cc, 56a
 Georgetown (Delaware), Be, 56a
 Georgetown (Br. Guiana), Gd, 52a
 Georgia (Russia), Gf, 27

- Georgia (U.S.A.), Cd, 55 ;
Cc, 56b
- Georgian B., Ca, 55
- Gepidae, Hd, 1 ; Hb, 2a
- German East Africa, Ge, 64a
- German South West Africa,
Eg, 64a
- Germantown, Bd, 56a
- German Zollverein, 51d
- Germany, 22, 23, 24
- Gerona, Gb, 19
- Gerstungen, Dc, 22
- Gertruidenberg, Dc, 20a
- Gesoriacum (Bononia), Dd,
31
- Gettysburg, Db, 56b
- Ghazni, Fe, 59 ; Aa, 62
- Ghent, Ea, 14 ; Cc, 20a
- Gheriah, Bd, 61a
- Gibelet (Byblos), Cd, 29c
- Gibraltar, and Str., Cd, 19,
and 19a
- Giessen, Bc, 24b
- Gilolo Island, 49c
- Gingee, 61d
- Giornico, Cb, 21a
- Girardeau, Cape, Bb, 56b
- Girgenti, Df, 17a
- Girvan, Bc, 40b
- Gisburn, Dd, 37
- Gisors, Fd, 35
- Giurgevo, Dc, 26b
- Glamis, Fe, 39
- Glamorgan, Cc, 36c
- Glarus, Da, 21a
- Glasgow (Kentucky), Bb, 56b
- Glasgow (Diocese of), Bb, 37
- Glasgow, Dd, 39
- Glastonbury, Bc, 32b ; Df, 37
- Glen Affric, Db, 39
- Glen Coe (Scotland), Cc, 39
- Glencoe (Natal), Bb, 64c
- Glendalough, Ec, 41 ; Ec, 42c
- Glen Finnan, Bb, 40b
- Glen Garry, Dc, 39
- Glenluce, Bc, 40b
- Glen Lyon, Dc, 39
- Glen Moriston, Db, 39
- Glen Orchy, Bb, 40b
- Glen Spean, Dc, 39
- Glevum, Dc, 30
- Glogan, Fe, 24a
- Gloucester (England), Dc, 34 ;
Df, 37 ; Bd, 38a
- Gloucester (Massachusetts),
Bb, 54b
- Gloucester (New Jersey), Bc,
56a
- Gnoson, Hb, 22 ; Fb, 24a
- Goa, Ac, 59a ; Bd, 61a
- Gobannium (Abergavenny),
Cc, 30
- Gobi Desert, Jb, 60
- Godavari, River, Ge, 59
- Goekteppe, Fe, 63
- Gogra, River, Db, 61c
- Goidelic Peoples, Bc, 31
- Golconda, Ac, 59a
- Gold Coast, Dc, 64c
- Golden Gate, 29d
- Golden Horde, The, Da, 59 ;
Kc, 7
- Golden Vale, Cd, 41
- Goldsboro, Db, 56b
- Golspie, Cb, 40b
- Gonave, Ec, 53a
- Gondwana, Hd, 59
- Good Hope, C. of, Ab, 64b
- Goodrich, Dc, 36c
- Gooty, Cd, 61a
- Gorakhpur, Db, 61c
- Gordon Castle, Cb, 40a
- Gordonsville, Aa, 56c
- Gorée, Ab, 64c
- Gorey, Cd, 43
- Görlitz, Ec, 24a
- Goshen, Cc, 64d
- Goslar, Ec, 22
- Gosselies, 20b
- Göta, R., Gb, 31
- Gotha, Cc, 24b
- Gothenburg (Goteborg), Ea, 9
- Gothland District, Ea, 8
- Gotland, Island, Bb, 26a
- Göttingen, Bc, 24b
- Gower, Bc, 36c
- Goyaz, Ee, 58b
- Graaff Reinnet, Cb, 64b
- Gracias á Dios, C., Dc, 53a
- Grafton, Id, 65a
- Graham Land, 51c
- Grahamstown, Cb, 64b
- Grain Coast, Bc, 64c
- Grammont, Cd, 20a
- Grampound, Dc, 43
- Gran, Bd, 26a ; Aa, 25b
- Granada, Dd, 19
- Granada, Emirate of, 18d
- Granard, Cd, 43
- Gran Chaco, Cf, 58b
- Grand Gulf, Ac, 56b
- Grand Isle, Cb, 56a
- Grand Junction, Bb, 56b
- Grand Lahu, Cc, 64c
- Grand Pré, Ea, 54a
- Grand Tartary, Nb, 48a
- Granson, Ab, 21a
- Grantham, Cc, 38a
- Granville, Cc, 45a
- Grauer Bund, Db, 21a
- Grave, Ec, 20a
- Gravelines, Eb, 45a
- Gravelotte, Cb, 52b
- Gravesend, Cd, 56a
- Graz, Fa, 21b
- Great Abaco I., Eb, 53a
- Great Bahama I., Eb, 53a
- Great Bear Lake, Da, 57
- Great Cayman, I., Dc, 53a
- Great Exuma, Eb, 53a
- Great Fish River, Cb, 64b
- Great Inagua, Eb, 53a
- Great Kanawha, R., Cb, 56b
- Great Karroo, Bb, 64b
- Great Marlow, Cd, 38a
- Great Ouse, R., Ge, 37
- Great Redan, 27
- Great St. Bernard Pass, Bb,
21b
- Great Slave Lake, Da, 57
- Greece, Dg, 28a
- Greencastle, Eb, 42c
- Greenland, 51b
- Greenlaw, Bb, 38a
- Greenock, Bc, 40b
- Greenville, Cb, 56b
- Greifswald, Da, 24b
- Grenada, I. (W. Indies), Fe,
53a
- Grenada (Mississippi), Bc, 56b
- Grenadines, Is., Fe, 53a
- Grenoble, Fd, 14
- Gretna, Cc, 40b
- Greytown, Bb, 64a
- Grimsby, Fe, 34
- Griqualand East, Da, 64b
- Griqualand West, Bc, 64d
- Griquatown, Bc, 64d
- Gristead, Fe, 34
- Grisons, 21a
- Grodno, Cc, 26a
- Groner Jagerndorf, Gb, 10
- Groningen, Fa, 20a
- Groote Island, Fa, 65a
- Grosswardein, Eb, 25a ; Cd,
26a
- Gruyères, Bb, 21a
- Guadalajara (Mexico), Bb, 53a
- Guadalajara (Spain), Db, 19
- Guadalquivir, R., Cd, 19
- Guadeloupe, Fe, 53a
- Guadiana, R., Bd, 19
- Guam, Island, Qd, 52a
- Guanahani, Island, Fe, 47a
- Guanajuato, Bb, 53a
- Guastalla, Cb, 17c
- Guatemala, Cc, 53a
- Guayaquil, Bd, 58b
- Guaelders, County of, Ba, 20c
- Guaeldres, Fe, 20a
- Guiana, Dc, 58a
- Guildford, Fe, 34
- Guildford Court Ho, Cc, 55
- Gulford (Connecticut), Ac,
54b
- Guinea, Id, 46a
- Guinea (Portuguese), Bc, 64c
- Guingamp, Dd, 35
- Gujarat (Guzerat), Gd, 59 ;
Bc, 62
- Gujrat (Punjab), Ba, 62
- Gundwana, Cc, 61a
- Gunterville, Bc, 56b
- Guntur, Bc, 59a ; Dd, 61a
- Gurramkonda, Cc, 61d
- Gurupa, Dd, 58a
- Guyenne, Cd, 15a
- Gwadur, Gf, 63
- Gwalior, Cb, 61a ; Cb, 62
- Gwent, Dc, 36c
- Gwynedd, Ba, 36c
- Haarlem, Db, 20a
- Habsburg, Ca, 21a
- Habsburg, Growth of the
House of, 25a
- Hackensack, Bd, 56a
- Haddington, Fd, 39
- Hadramaut, Dc, 59
- Hagenau, Db, 15c ; Bb, 23c

- Hague, C. de la, Cc, 45a
Hague, The, Db, 20a
Haichōng, Ba, 52c
Hailes, Ef, 37
Hainan, I., Ke, 60; Kg, 63
Hainault, County of, Ab, 20c
Haïti (Hayti), Ec, 53a
Hakodate, Od, 63
Halberstadt, Ec, 22; Cc, 24a
Haleb (Aleppo), Eb, 29c
Halesowen, De, 37
Halidon Hill, Cb, 36d
Halifax (England), Cc, 39a
Halifax (N. Carolina), Dc, 55
Halifax (Nova Scotia), Eb, 54a
Halland, Ab, 26a
Halle, Dc, 24a; Cc, 24b
Halstenbeck, Bb, 24a
Halton, Dc, 34; Da, 36c
Hamadan, Lf, 5
Hamah, Dc, 29c
Hamburg, Db, 22; Ha, 45a; Cb, 24a
Hami, Jd, 63
Hamilton (Scotland), Bc, 40a
Hamilton (Ontario), Hc, 57
Hampton Roads, Bc, 56c
Hangchow, Le, 63
Han-kow, Le, 63
Hanoi, Kf, 63
Hanover (Germany), Bb, 24a
Hanover (U.S.A.), Db, 56b
Harbin, Md, 63
Hardanger Fiord (Norway), Eb, 33
Harenc, Db, 29c
Harfeur, Dc, 45a; Cb, 36b
Harlech, Bb, 36c
Harpers Ferry, Db, 56b
Harran, Fb, 29a
Harris, Island, Bb, 39
Harrisburg, Da, 56b
Harrisonburg, Db, 56b
Harrison's Landing, Ab, 56c
Harristown, Cd, 43
Hartford, Ac, 54b; Cd, 56a
Hartland, Bg, 37
Harwich, Db, 45a; Ge, 43
Hastings, Gf, 34; Gg, 37
Haslemere, Fe, 43
Hatteras, C., Bc, 54a
Haughmond, De, 37
Havana, Db, 53a
Havelberg, Fb, 22
Haverfordwest, Bc, 36c
Haverhill, Bb, 54b
Havre, Le, Dc, 45a
Hawaii (Sandwich Is.), Bd, 50
Hawarden, Ca, 36c
Hawick, Cb, 36d; Cc, 40a
Hawke Bay, Ca, 65c
Hay, Cb, 36c
Hayti, Ec, 53a
Heavenfield, Ba, 32a
Hebrides, Islands, Bb, 39
Hebron (Palestine), Cg, 29c
Hebron (S. Africa), Cc, 64d
Hedgley Moor, Da, 34
Hedon, Fc, 34; Fd, 43
Heidelberg, Cb, 23c
Heilbronn, Cb, 23c
Heiligerlee, Fa, 20a
Hejaz, K, 5; Cd, 59
Helder, Fa, 45a
Heligoland, Island, Aa, 24a; Ga, 45a
Heliopolis (Baalbek), De, 29c
Hellas, He, 8
Helluland, Fb, 46a
Helmsdale, Ea, 39
Helsingborg, Ea, 10
Helsingfors, Ca, 26a
Helston, Af, 34; De, 43
Hengest's Dun, Ac, 32b
Hennebont, Ac, 36a
Henry, C., Cc, 45b; Dc, 55
Heraclea, Da, 29b
Hérat, Fe, 59; Ge, 63
Hercules Pr., Be, 30
Hereford, Dd, 34; Db, 36c; De, 37
Hertford, Fe, 34
Heruli, Jd, 1; Gb, 2a
Herzegovina, Ad, 28a
Hessen, Bc, 24b
Hexham, Diocese of, 37a
Hexham, Cc, 36d; Cd, 37
Heytesbury, Ee, 43
Hia, Jb, 60
Hibernia, Ac, 1
Higham Ferrers, Fd, 43
High Bridge, Bb, 40b
Hila, Be, 58a
Hildesheim, Db, 22; Bb, 24a
Hillsborough (U.S.A.), Dc, 55
Hillsborough (Ireland), Cc, 43
Himalaya Mts., Hd, 59
Hindon, Ee, 43
Hindu Kush Mts., Gc, 59
Hippo, Ef, 1
Hispania, Ce, 1
Hispaniola Island, Ec, 53a
Hitchin, Ff, 37; Cd, 38a
Hlobane, Ba, 64e
Hobart, Hg, 65a
Hochkirch, Dc, 24a
Hohenlinden, Ec, 11
Hohenzollern, Ab, 23d
Hokianga Bay, Ba, 65c
Hokitika, Mg, 65a
Hokkaido Island, Od, 63
Holkar, Lands of, Cc, 62
Holkirk's Hill, Cd, 55
Holland, Db, 21a; Ba, 21c
Holly Springs, Bc, 56b
Holme Cultram, Cc, 37
Holme St. Benet, He, 37
Holstein, Ba, 24b
Holston, R., Cb, 56b
Holt, Bc, 38b; Ed, 43
Holy I., Eb, 37
Holy Roman Empire, Dd, 7ff
Homildon Hill, Cb, 36d
Honduras, Dc, 53a
Honduras, British, Dc, 53a
Honfleur, Bb, 15a; Cb, 36b; Dc, 45a
Hong-kong, Lf, 63
Honiton, Cf, 34; Ee, 43
Honolulu, Ac, 52a
Hooghly (zemindary, town and river), Ee, 61a, and 61b
Hopetown, Bc, 64d
Hopton Heath, Bc, 38a
Horn, C., Fg, 62a
Horn, County of, Bb, 20c
Horsham, Fe, 34; Cd, 38b
Housatonic, R., Ac, 54b
Howe, Cape, If, 65a
Howth, Ec, 42c
Howth Hd., Ec, 41
Hoy, Ca, 40b
Huddersfield, Cb, 44a
Hudson Bay, Cb, 49b
Hudson Bay Company, Eb, 50
Hudson Bay Territory, Fa, 57
Hudson, R., Cd, 56a
Hudson Strait, Da, 49b
Hue, Kf, 63
Hughenden, Gc, 65a
Hull, Kingston upon, Fc, 34; Cc, 38a
Hulme, Bc, 38b
Hulst, Dc, 20a
Humber, River, Fc, 34
Humboldt, Bb, 56b
Hungary, Fe, 6; Gd, 7; Fc, 8; Db, 25a
Hun-ho, Lake, Ba, 52c
Hunni, Od, 1
Hunnum, Ea, 30
Huns, Lb, 2a
Huntingdon, Fd, 34
Huntly, Cc, 40a
Huntsville, Bc, 56b
Huon Islands, Kb, 65a
Huron, Lake, Cb, 55
Huron Mission, Ab, 54a
Hurons, Ab, 54a
Hvittramannaland, Fc, 46a
Hwang Ho, River, Kc, 60
Hwiceas, Hc, 32a
Hyderabad (Sind), Ab, 62
Hyderabad (Deccan), Cd, 62
Hydra, Island, Dg, 28a
Hythe, He, 34
Iberian Peninsula, 18, 19
Iberus Fl., Ce, 1
Ibelim, Bg, 29c
Iceland, Ia, 46a
Iceni, Gd, 30
Icknield Way, Fe, 30
Iconium (Konieh), Ie, 6; Eb, 29a
Iconium, or Rum, Kingdom, Fb, 29a
Idaho, Dc, 57
Ilchester, De, 30; De, 34
Ilha Grande, Fe, 58a
Ilheos, Fe, 58a
Ili, R., Gb, 59
Ilkhan Empire, Ec, 59
Illinois, Gd, 57
Illyrian Province (Fr. Empire), Ec, 11
Illyricum, Gd, 1
Ilmen, L., Ec, 27
Imbros, Island, Ee, 28a
Imola, Cb, 17c

- Inca Kingdom, Fe, 46a
 Inchcolm, Ca, 37
 India, 59, 61, 62
 Indiana, Gd, 57
 Indianapolis, Bb, 56b
 Indian Territory, Fd, 57
 Indore, Cc, 62
 Indus, R., Gc, 59
 Ingogo, Aa, 64e
 Ingolstadt, Db, 23c
 Ingria, Db, 26a
 Inis Cathy, Bd, 41
 Inistioge, Cd, 43
 Inkerman, 27b
 Innsbruck, Da, 21b ; Cb, 25a
 Inverary, Db, 43
 Invercargill, Ac, 65c
 Invergarry, Bb, 40b
 Invergordon, Bb, 40b
 Inver, Loch, Ba, 40b
 Inverkeithing, Cb, 40b
 Inverloch, Bb, 40b
 Inverness, Db, 39
 Inverurie, Cb, 40b
 Inyati, Ca, 64d
 Iona, Island, Bc, 39
 Ionian Is., Cfg, 28a
 Ionium Mare, Gf, 1
 Iowa, Fe, 57
 Iowas, Bb, 55
 Ipswich, Hd, 34 ; He, 37
 Iquique, Bf, 58a
 Irak, Lf, 5
 Irak Ajemi, Ec, 59
 Ireland, 41, 42
 Irzig, Gd, 63
 Irishtown, Cd, 43
 Irkutsk, Kc, 63
 Iron Gate, R. Danube, Dc, 28a
 Ironton, Ab, 56b
 Iroquois, Db, 55
 Irrawaddy, R., Jg, 63
 Irthing, Cc, 36d
 Irish, R., Gc, 63
 Irun, Ea, 19
 Irvine, Dd, 39
 Isandhlwana, Bb, 64e
 Isauria, Jf, 1
 Isca (Caerleon), Cc, 30
 Isca Damnoniorum (Exeter),
 Cf, 30
 Ischia, Island, Dd, 18a
 Isère, River, Fd, 14
 Ishim, Gc, 63
 Isker, River, Dd, 28a
 Islay, Island, Bd, 39
 Ismail, Dd, 26b ; Gc, 28a
 Isanzu, River, Db, 16 ; Eb,
 21b
 Isphan, Ec, 59 ; Fe, 63
 Issik Kul, Lake, Gb, 59
 Istria, Db, 16
 Isurium, Eb, 30
 Italia, Fe, 1
 Italy, Exarchate of, Ec, 3a
 Italy, 16, 17, 18
 Ituna Aest., Cb, 30
 Ivica Island, Fe, 19
 Ivory Coast, Cc, 64c
 Ivry, Cb, 15b
 Jackson (Mississippi), Ac, 56b
 Jackson (Ohio), Cb, 56b
 Jackson (Tennessee), Bb, 56b
 Jacksonville, Bc, 56b
 Jaen (Andalusia), Dd, 18d
 Jaen (Peru), Bd, 58b
 Jaffa (Joppa), Bf, 29c
 Jagellon, Lands of the House
 of, Dab, 23b
 Jagerndorf, Fc, 24a
 Jaipur (Jeypore), Cb, 62
 Jalangi, River, 61b
 Jaleswar, 61b
 James Bay, Gb, 57
 James, R., Dc, 55 ; Ab, 56c
 Jamestown (Ireland), Bd, 43
 Jamestown (Virginia), Bc,
 54a
 Jamaica, Island, Ec, 53a
 Jamaica Bay, Cd, 56a
 Janina, Cf, 28a
 Jarnac, Bd, 15b
 Jaroslav, Gb, 9
 Jarratt's, Ac, 56c
 Jarrow, Ec, 37
 Jasper, Cb, 56b
 Jassy, Dd, 26a ; Fb, 28a
 Jauja, Bc, 58a
 Jaunpur, Hd, 59
 Java, Island, Oc, 49a
 Java Major (Borneo), Od, 46a
 Java Minor (Sumatra), Ne,
 46a
 Jaxartes (Syr. Daria), Pd, 5
 Jazi (Yunnan), Jd, 60
 Jedburgh, Cb, 36d
 Jedisan, Da, 25b ; Ed, 26a
 Jefferson City, Ab, 56b
 Jemappes, Cd, 20a
 Jemmingen, Ga, 20a
 Jena, Cc, 24b
 Jericho, Cg, 29c
 Jericho Mill, Ab, 56c
 Jerusalem, Bg, 29c and 29e
 Jerusalem, Kingdom of, Jf, 6
 Jervaulx, Ec, 37
 Jessore, 61b
 Jhansi, Cb, 62
 Jhelum, R., Cc, 59 ; Ba, 61a
 Jiddah, Df, 63
 Joannes Is., Ed, 58b
 Joannina (Janina), Cf, 28a
 Jodhpur, Ab, 59a ; Bb, 62
 Johannesburg, Cc, 64d
 Joigny, Bb, 52b
 Jonesboro, Cc, 56b
 Joppa (Jaffa), Bf, 29c
 Joscelin, Lordship of, Eb, 29c
 Juan Fernandez Is., Ag, 58a
 Juggernaut (Jagganath), Ed,
 61a
 Jujuy, Cf, 58b
 Juka, Bc, 56b
 Jülich (Juliers), Ba, 23a ; Ac,
 24a
 Juliers, County of, Cb, 20c
 Jumièges, Dd, 33
 Jumna, R., Gd, 59
 Jungaria, Id, 63
 Junin, Bc, 58b
 Jura Mts., Ba, 21b
 Jura, Island, Cc, 39
 Jurens Regnum, Ge, 14
 Jutes, Fb, 31
 Kabinda, Je, 51a
 Kabul, Fc, 59 ; Aa, 62
 Kael, Gf, 59
 Kaffa, Fd, 26b
 Kai-feng, Le, 63
 Kaiping, Ba, 52c
 Kairwan, Ec, 4
 Kaiserslautern, Bb, 23c
 Kaiserswerth, Cc, 22
 Kalat, Ab, 62
 Kalgan, Ld, 63
 Kalisz, Bc, 26a ; Bd, 27
 Kalmuks, Id, 63
 Kalpi, Cb, 62
 Kaluga, Fd, 27
 Kananran, Island, Eg, 63
 Kambalu, *see* Cambalu
 Kambula, Ba, 64e
 Kamchatka, Pc, 63
 Kanchik, R., Fd, 28a
 Kamerun, Dd, 64a
 Kaminiec, Dd, 26a
 Kammin, Ca, 23a
 Kampion (Kanchow), Jc, 60
 Kanara (Canara), Ge, 59 ;
 Be, 62
 Kandahar, Aa, 59a ; Aa, 62
 Kandy, Df, 62
 Kangaroo Island, Ff, 65a
 Kanin Pen., Da, 27c
 Kansas, Fd, 57
 Kappel, Ca, 21a
 Karachi, Ac, 62
 Karakakua B., Bd, 50
 Karakhitai, Hb, 59
 Karakoram Mts., Ca, 61a
 Karakorum, Jb, 60 ; Ob, 46a
 Kara Kum Desert, Eb, 59
 Karikal, 61d
 Karlovó, Ed, 28a
 Kars, Gf, 27 ; Ed, 63
 Karystos, Ef, 28a
 Kasbek (Peak), Dc, 27c
 Kashan, Fe, 63
 Kashgar, Gc, 59
 Kashmir, Gc, 59 ; Ca, 62
 Kaskaskia, Bc, 55
 Kastamuni, Db, 25b
 Katmandu, Eb, 62
 Kathiawar, Bc, 61a
 Kattegat, Fb, 31
 Katwa, Ec, 61a, and 61b
 Kazach Bay, 27a
 Kazan, Hc, 27
 Kazanlik, Ed, 28a
 Kazanlinsk, Gd, 63
 Kazvin, Ec, 63
 Kedgere, 61b
 Keewatin, Fb, 57
 Kehl, Db, 15c
 Kei Is., Cc, 49d
 Keiskamma, R., Cb, 64b
 Keith, Cc, 40a
 Kells, Ec, 41

Kelso, Cb, 36d; Fd, 39
 Kemp Land, 51c
 Kendal, Db, 34
 Kenfigg, Ee, 43
 Kenilworth Castle, Ee, 37
 Kenmare, R., Bc, 41
 Kennebec, R., Fb, 55
 Kennet Square, Be, 56a
 Kentucky, R., Cb, 56b
 Kentucky, Gd, 67
 Kerch, Fd, 26b; Fe, 27
 Kerguelen I., Mg, 52a
 Kerman, Ed, 59
 Kermadec Is., Ne, 65a
 Kerulen, R., Kb, 60
 Kevenlys, Ed, 43
 Keynsham, Df, 37
 Key West, Bd, 45b
 Khabarovka, Nd, 63
 Khalkhas, Kd, 63
 Khandesh, Ab, 69a
 Kharda, Cd, 61c
 Kharkof, Fd, 27
 Khartoum, Gc, 64a
 Khazars, Kc, 5
 Kherson, Ed, 28a; Ee, 27
 Khersonese, C., 27a
 Khiva, Gd, 63
 Khokan, Hd, 63
 Khorasan, Nf, 5; Ec, 59
 Khotan, Gc, 59
 Khwarizm, Eb, 59
 Khyber Pass, Ba, 62
 Kiakhta, Kc, 63
 Kiauchau (Kiow-chow), Me, 63
 Kichinef, Dd, 26b
 Kidderminster, Dd, 34
 Kidwelly, Bc, 36c
 Kief, Ec, 26a; Ed, 27
 Kiel, Ca, 24b
 Kilbeggan, Cd, 43
 Kildare, Ec, 41; Ec, 42c
 Kilfenora, Bd, 41
 Kilimane, Le, 47a
 Kilkenney, Dd, 41; Dd, 42c
 Killala, Bb, 41; Bb, 42c
 Killaloe, Cd, 41; Cd, 42c
 Killarney, Lakes of, Bd, 41
 Killiecrankie P., Cc, 40a
 Killybegs, Bc, 43
 Kilmacduagh, Cd, 41; Cc, 42c
 Kilmallock, Cc, 42c
 Kilrush, Bd, 42c
 Kilsyth, Bc, 40a
 Kilwa, Le, 47a
 Kimberley, Cb, 65a
 Kincardine, Cb, 40b
 Kinchow, Ab, 52c
 King Edward VII Land, 51c
 King George Sound, Be, 65a
 Kinghorn, Ec, 39
 King Island, Gf, 65a
 King's Lynn (*see* Lynn)
 King's Mountain, Cc, 55
 King Sound, Cb, 65a
 Kingston (Australia), Ff, 65a
 Kingston (Canada), Hc, 57
 Kingston (Georgia), Cc, 56b
 Kingston (Kentucky), Cb, 56b

Kingston and Port Royal
 (Jamaica), Ec, 53a
 Kingston-on-Thames, Cc, 32c
 Kingston-upon-Hull (*see* Hull)
 Kingswood, Df, 37
 King Wilhelm II Land, 51c
 King William's Town, Cb, 64b
 Kinross, Cb, 40a
 Kinsale, Cc, 42c
 Kintore, Co, 40a
 Kintyre, Cd, 39
 Kioto, Ne, 63
 Kirensk, Kc, 63
 Kirgiz, Ia, 59
 Kirgiz Steppe, Fb, 59
 Kirkcaldy, Eb, 43
 Kirkcudbright, Ac, 36d
 Kirkee, Bd, 62
 Kirkstall, Ed, 37
 Kirkstead, Fd, 37
 Kirkwall, Fa, 39
 Kirman, Mg, 5
 Kirriemuir, Cc, 40a
 Kish, Island, Ed, 59
 Kishenef, Gb, 28a
 Kishim, Fg, 63
 Kistna, R., He, 59
 Kittery, Bb, 54b
 Kiung-Chow, Lf, 63
 Kiuprili, Ge, 12
 Kiushiu Island, Ne, 63
 Kizil Irmak, R., Cb, 59
 Kizil Kum Desert, Fb, 59
 Klagenfurt, Fa, 21b
 Klein Schnellendorf, Fc, 24a
 Kloster Zeven, Bb, 24a
 Knaresborough, Eb, 34
 Knapdale, Cd, 39
 Knighton, Ed, 43
 Knights of St. John, He, 8
 Knooke, Bd, 20a
 Knockmealdown Mts., Cd, 41
 Knocktopher, Cd, 43
 Knoidart, Cb, 39
 Knox Land, 51c
 Knoxville, Cb, 56b
 Knucklas, Ed, 43
 Kobdo, Jd, 63
 Kola Pen., Fa, 27
 Kolar, Cc, 61a and 61d
 Kolberg, Ea, 24a
 Kolhapur, Bd, 61a
 Kolín, Ec, 24a
 Kolozsvár, Gc, 8
 Komati Poort, Dc, 64d
 Komul (Hami), Ib, 60
 Konakry, Bc, 64c
 Konkans (Concans), Bd, 61a
 Kong, Dc, 64c
 Königrätz, Ec, 24b
 Königsberg, Ha, 24a
 Konia (Iconium), Dc, 25b
 Kopál, Hd, 63
 Kora, Db, 61a
 Korea, Lc, 60
 Koroni, Cg, 28a
 Kororareka, Mf, 65a
 Korygaum, B-I, 62
 Köslin, Fb, 10
 Kosseir, Df, 63

Kostroma, Gc, 27
 Kotah, Cb, 61c; Cb, 62
 Kottbus, Ec, 24a
 Koulam (Quilom), Gf, 59
 Kovno, Cb, 26a
 Koweit, Ef, 63
 Kowpangtze, Aa, 52c
 Kraguyevatz, Cc, 28a
 Krak (Monreal), Ch, 29c
 Krak, Cg, 29c
 Kranganur (Cranganore), Ac, 59a; Cc, 61a
 Krasnovodsk, Fe, 63
 Krasnoyarsk, Jc, 63
 Krim Tartars, Fe, 27
 Krishnagar, 61b
 Krugersdorp, Cc, 64d
 Kuban, R., Cc, 27c
 Kubla Khan, Empire of, 60
 Kuldja, Id, 63
 Kulm, Gb, 24b
 Kumasi, Dc, 64c
 Kumaun, Ca, 62
 Kunersdorf, Eb, 24a
 Kunlon, Jf, 63
 Kupang, Cc, 65a
 Kur, R., Dc, 27c
 Kurdistan, Ke, 5; Fc, 25b
 Kurian Murian Is., Fg, 63
 Kurile Is., Od, 63
 Kurland (Courland), Cb, 26a; Cc, 27
 Kurnool, Cd, 61a
 Kursk, Fd, 27 -
 Kuruman, Bc, 64d
 Kushk, Ge, 63
 Kustanje, Gc, 28a
 Küstrin, Ed, 24a
 Kutais, Fb, 25b
 Kutchuk Kainarji, Hd, 10
 Kwantung, Ab, 52c
 Kwei-lin, Lf, 63
 Kwei-yang, Kf, 63
 Kwen Lun Range, Hc, 60
 Kyburg, Ca, 21a
 Kyle, Dd, 39
 Labrador, Ib, 57
 Labuan Island, Od, 52a
 Laccadive Is., Fe, 59
 La Charité, Dc, 15b
 La Conception, Ab, 54a
 Ladoga, L., Eb, 27
 Ladrone Is., Qd, 47a
 Ladysmith, Ab, 64c
 Lafayetteville, Dc, 55
 Lagan, R., Fb, 41
 Lagos, Portugal, Ad, 18c
 Lagos (W. Africa), Ec, 64c
 La Guaira, Cc, 58b
 Laguna, Ef, 58a
 Lahave, Eb, 54a
 La Haye Sainte, 20b
 Lahn, R., Dc, 22
 Lahore, Ba, 62
 Laibach, Ed, 12
 Laighin (Leinster), Dd, 41
 Laing's Nek, Aa, 64c
 La Mancha, Dc, 19

- Lambeth, 34a
 Lamego, Bb, 19
 Lammermuir Hills, Fd, 39
 Lampeter, Dd, 43
 Lamu, Le, 47a
 Lanark, Bb, 36d; Cc, 40a
 Lancaster (England), Db, 34
 Lancaster (Pennsylvania), Ad, 56a
 Lancaster Sound, Ca, 49b
 Landrecies, Cd, 20a; Ba, 52b
 Lanercost, Cd, 37
 Lanesborough, Cd, 43
 Lang-chow, Ke, 63
 Langensalza, Cc, 24b
 Langford House, Cd, 38b
 Langholm, Cb, 36d
 Langobardi, Fc, 1
 Langobardia, Fd, 17a
 Langport, De, 34; Bd, 38b
 Langres, Fe, 14
 Langside, Bc, 40a
 Languedoc, 15a, 15b
 Lansdown, Bd, 38a
 Lanshankwan, Ba, 52c
 Lanthony, Df, 37
 Lao, Kg, 63
 Laodicea, Cc, 29c
 Laon, Eb, 14; Bb, 52b
 La Paz, Ce, 58a
 Lapland, Da, 27
 La Plata, Ce, 58a
 La Plata, Rio de, Dg, 58b
 La Presentation, Db, 55
 Larantuka, Ac, 49d
 La Réole, Ff, 35
 Largs, Dd, 39
 Larissa, Df, 28a
 La Rochelle, Bc, 15b; Kb, 45b
 La Serena, Bf, 58a
 Las Navas de Tolosa, Dc, 18c
 Laswari, Cb, 61c
 Latham House, Bc, 38a
 Latin States (Greece), Gf, 7
 Lauder, Cc, 40b
 Lauderdale, Cb, 36d
 Lauenburg, Cb, 24a
 Laufen, Ba, 21a
 Launceston (Cornwall), Bf, 34; Bg, 37; Ad, 38a
 Launceston (Tasmania), Hg, 65a
 Laund, Fe, 37
 Laupen, Bb, 21a
 Laureekirk, Cb, 40b
 Lausanne, Ab, 21a
 Lausitz (Lusatia), Fc, 22; Ec, 24b
 Lauter, R., Db, 52b
 Lavatrae, Eb, 30
 Lawrenceburg, Cb, 56b
 Layas, Cc, 59
 Lea, R., Cc, 32c
 League of God's House, Db, 21a
 League of Ten Jurisdictions, Db, 21a
 Leavenworth City, Ab, 56b
 Lebanon (U.S.A.), Bb, 56b
 Lebanon, Mt. (Syria), Ce, 29c
 Lechfeld, Ed, 22
 Ledbury, Dd, 34
 Leeds (Kent), Gf, 37
 Leeds (Yorks), Ec, 34; Cc, 38a; Cb, 44a
 Leesburg, Db, 56b
 Leeuwarden, Ea, 20a
 Leeuwin, Cape, Ae, 65a
 Leeward Is., Fd, 52a
 Leghorn, 17e
 Legnago, Ec, 11
 Legnano, Bb, 17b
 Le Havre (*see* Havre)
 Le Hogue, Cc, 45a
 Leicester, Cb, 32c; Ed, 34; Ec, 37
 Leicester, Diocese of, 37a
 Leiden (*see* Leyden)
 Leighlin, Dd, 41
 Leighton Buzzard, Cc, 32c
 Leinster, 42a and b
 Leipzig, Dc, 24a; Dc, 24b
 Leiria, Ac, 19
 Leith, Cc, 40b
 Leitrim, Cc, 42c
 Le Mans, Db, 14
 Lemberg, Cd, 26a; Cc, 27
 Lemnos, Island, Ef, 28a
 Lena, R., Mb, 63
 Lennox, Dd, 39
 Lenton, Ee, 37
 Leoben, Fa, 21b
 Leominster, Dd, 34; De, 37
 Leon, Ca, 19
 Leona, C., 19a
 Lepanto, Cf, 28a
 Le Puy, Ed, 14
 Lerida, Fb, 19
 Lerida, Fb, 18c
 Lesbos Island, He, 9
 Lesser Antilles, Is., Fc, 53a
 Lessines, Cd, 20a
 Letterkenny, Db, 42c
 Leucadia, Gf, 12
 Leucas, Island, Cf, 28a
 Leuk, Bb, 21a
 Leuthen, Fc, 24a
 Leven, L., Cc, 39
 Levis Pt., 55a
 Lewes, Gf, 34; Fg, 37
 Lewis, Island, Ba, 39
 Lewisburg, Cb, 56b
 Lexington (Kentucky), Cb, 56b
 Lexington (Massachusetts), Dc, 56a
 Lexington (Missouri), Ab, 56b
 Leyden, Db, 20a
 Lhasa, Md, 60; Jf, 63
 Liao-ho, Ba, 52c
 Liao-tung, Ba, 52c
 Liaotung, Gulf of, Aa, 52c
 Liaoyang, Ba, 52c
 Libau, Cc, 27
 Liberia, Cc, 64c
 Lichfield, Diocese of, 37a
 Lichfield, Cb, 32b; Ed, 34; De, 37
 Lichtensteig, Da, 21a
 Liddisdale, Fd, 39
 Liège, Bc, 22; Ed, 20a
 Liège, Bishopric of, DEed, 20a; Bb, 20c
 Liegnitz, Fc, 24a
 Liffey, R., E, 41
 Lifford, Cc, 43
 Liger, Cd, 1
 Ligny, 20b and Dd, 20a
 Liguria, Bb, 18
 Lille, Cd, 20a
 Lima, Be, 58a
 Limasol, Ec, 29a; Dc, 29b
 Limavady, Cc, 43
 Limburg, County of, Bb, 20c
 Limerick, Cd, 41; Cd, 42c
 Limoges, Dd, 14
 Limousin, Dd, 14; Cd, 36a
 Lincluden, Cb, 37
 Lincoln, Fd, 37; Fc, 34; Cb, 32a
 Lindisfarne, Island, Ca, 32b; Eb, 37
 Lindisfarne, Diocese of, 37a
 Lindiswara, Cb, 32a
 Lindley, Cc, 64d
 Lindsey, Cc, 32b
 Lindum (Lincoln), Fc, 30
 Lingen, Ab, 24a
 Lintithgow, Bb, 36d; Cb, 40a
 Lipari Is., Ee, 16
 Lippe, Ed, 31
 Lisbon, Ac, 19; Ac, 18c
 Lisburn, Cc, 43
 Lisieux, Db, 14; Cb, 36a
 Liskeard, Bf, 34; Ad, 38b
 Lismore, Dd, 41; Dd, 42c
 Lithuania, Dc, 26a; Dd, 27
 Little Redan, 27a
 Little Rock, Ac, 56b
 Littus Saxonium, Gf, 30
 Livadia, Df, 28a
 Liverpool, Cc, 34; Bc, 38a
 Livonia, Db, 26a; Dc, 27
 Lixheim, Bb, 23c
 Llandaff, Cc, 36c; Cf, 37
 Llandoverly, Ce, 34; Cb, 36c
 Llangollen, Bc, 38b
 Llanthony, Cf, 37
 Llantrisant, Ee, 43
 Loanda, Je, 50
 Loango, Je, 50
 Loano, Cc, 21b
 Lob Nor, Lake, Ib, 59
 Lobositz, Ec, 24a
 Locarno, Cb, 21a
 Lochaber, Dc, 39
 Lochmaben, Bb, 36d
 Lochmannagh, Bb, 40b
 Lockerbie, Cc, 40b
 Lodi, Bb, 17c
 Logrono, Ae, 36a
 Logtown, Cb, 55
 Loigny, Ab, 52b
 Loire, River, Cc, 14
 Lombards, Ec, 3a
 Lombardy, Bb, 25a
 Lombardy, Kingdom of, Ec, 11
 Lombartzyde, Bc, 20a
 Lome, Ec, 64c

- Lomond, L., Ba, 37
 Londinium, London, Fe, 30
 London, Fe, 34, 34a; Gf, 37
 London, Diocese of, 37a
 Londonderry, Db, 42c
 Long I., Cb, 54a
 Long Island Sound, Cd, 56a
 Longone, Cc, 18a
 Longtown, Cc, 33b
 Longwy, Cb, 15c
 Lookout Mts., Bc, 56b
 Loop Hd., Bd, 41
 Lorenzo Marquz, Dc, 64d
 Lorient, Bc, 45a
 Lorne, Cc, 39
 Lorraine, Db, 15c
 Los, I-les de, Bc, 64c
 Los Angel s, Dd, 57
 Los Diaboles (Bermudas Is.),
 Fe, 47a
 Lotwithiel, Bf, 34; Ad, 38a;
 De, 43
 Lot, R., Dd, 14
 Lotharingia, Bc, 22
 Lothian, Fd, 39
 Loughrickland, Eb, 42c
 Loughrea, Cc, 42c
 Louisville, Fa, 54a
 Louisiade Archipelago, Ia, 65a
 Louisiana, Bd, 55
 Louisville, Bb, 56b
 Louth, Fe, 34
 Louvain, Dd, 20a
 Lower Palatinate, Dc, 8
 Lower Tunguska, River, Jb,
 63
 Loyalty Islands, Lc, 65a
 Lübeck, Ca, 23b; Cb, 24b
 Lublin, Cc, 26a
 Lucca, Cc, 16
 Lucca, Rep. of, Cc, 17c
 Lucera, Ed, 16
 Lucerne, Ca, 21a
 Lu-chu-Is., Ld, 60
 Lucknow, Bb, 59a; Db, 62
 Ludgershall, Ee, 34
 Louisiana, Ca, 62
 Ludlow, Dd, 34; Db, 36c
 Lugano, town and lake, Cb,
 21a
 Lugdunum (Lyons), Dd, 1
 Lugaquilla, peak, Ed, 41
 Lugo, Ba, 19
 Luguvallium (Carlisle), Db, 30
 Luneburg (Germany), Cb, 24a
 Luneburg (S. Africa), Ba, 64c
 Lunenburg, Eb, 54a
 Luneville, Bb, 23c; Db, 52b
 Lusatia, Mark of (Lausitz),
 Eb, 6
 Lussignan, Ee, 35; Cc, 36a
 Lussac, Cc, 36a
 Lutetia Parisiorum, Dd, 31
 Lützen, Dc, 24b
 Luxembourg, Ee, 20a; Bb,
 23c; Db, 15c
 Luzon, Le, 60
 Lydda (St. George), Bg, 29c
 Lydenburg, Dc, 64d
 Lydia, If, 1
 Lyme Regis, Df, 34; Bd, 38a
 Lymington, Fe, 43
 Lynchburg, Db, 56b
 Lynn, Gd, 34; Ge, 37
 Lyons, Fd, 14
 Lys, River, BEd, 20a
 Maabar, Ge, 59
 Maas-tricht (Maestricht), Bo
 22
 Macao, Lf, 63; Oc, 49a
 Macassar Strait, Kf, 60
 McCarthy (clan), Cd, 41
 McConkey's Ferry, Bd, 56a
 Macedonia, De, 28a
 Maceio, Fd, 58b
 Macgillieuddys Reeks, Bd, 41
 MacGillivray (clan), Dd, 41
 Mackenzie Dist., Da, 57
 Mackenzie (clan), Bb, 40a
 Mackenzie, R., Aa, 49b
 Mackinaw, Aa, 54a
 MacMurrough (clan), Ed, 41
 Mâcon (Burgundy), Fe, 14
 Mâcon (Georgia), Cc, 56b
 Macroom, Cc, 42c
 Macziewice, Cc, 26b
 Madagascar Island, Le, 50
 Madeira Island, Jc, 45b
 Madeira, River, Cd, 58b
 Madison Bb, 56b
 Madras, De, 61a; De, 61c;
 61d
 Madrid, Db, 19
 Madura, Cf, 61a
 Maecatae, Ca, 30
 Maecotis Palus, Kd, 1
 Maestricht, Ed, 20a
 Maeking, Cc, 64a
 Maïra, Ac, 19
 Magdalen Is., Ea, 54a
 Magalhães, If, Bc, 58b
 Magdeburg, Eb, 22; Cb, 24a
 Magellan, Strait of, Fg, 47a;
 Bi, 58a
 Magenta, Bb, 18b
 Magerfontein, Bc, 64d
 Maggiore, Lake, Bb, 16
 Magnae, Db, 30
 Magnolia, Ac, 56b
 Maguntiacum, Fd, 31
 Magnus Muir, Cb, 40a
 Magyars, Hc, 4
 Mahanadi, R., Bb, 59a
 Maharajpur, Cb, 62
 Mahé, Cc, 61d
 Mahon, Gc, 19
 Maidenhead, Cd, 38b
 Maidstone, Ge, 43
 Maimachin, Kd, 63
 Main, R., Dd, 22
 Maine (France), Cb, 14; Fd,
 35
 Maine (U.S.A.), Cb, 54a; Io,
 57
 Mainz, Dd, 22; Cb, 23c
 Maipu, Bg, 58b
 Majapahit, Oe, 47a
 Majorca Island, Gc, 19
 Majuba Hill, Aa, 64c
 Makalla, Eg, 63
 Makyan, 49c
 Malabar, Ge, 59
 Malabar Coast, Cef, 61a
 Malacca, Od, 47a
 Malacca, Str. of, Jf, 60
 Malaga, Cd, 19
 Malakand Pass, Ba, 62
 Malakof, 27
 Malay Peninsula, Jf, 60
 Malay States, Federated, Od,
 52a
 Malden Is., Be, 52a
 Maldive Is., Gf, 59
 Maldon, Dc, 32c; Dd, 33
 Malia, Cape, Dg, 28a
 Malikoli, Lb, 65a
 Malindi, Le, 51a
 Malin Hd., Da, 41
 Malling, Gf, 37
 Mallow, Cd, 42c
 Malmesbury, De, 34; Df, 37
 Maloja Pass, Ca, 21b
 Malown, Ca, 62
 Malpas, Dc, 34; Da, 36c
 Malpasquet, Cd, 20a
 Malta, Island, Ef, 12
 Malton, Fe, 43
 Malton, Fb, 34
 Malvasia, Dg, 28a; Bb, 29b
 Malvern, De, 37; Bc, 38b
 Malvern Hill, Ab, 56c
 Malwa, Gd, 59; Cc, 61a
 Mamelon, 27
 Mameluke Territory, Hg, 7
 Man, I. of, Bb, 34
 Manaau, Cc, 31
 Manao, Dd, 58a
 Manar, Gulf of, Ad, 59a
 Manassas, Db, 56b
 Mancha, La, Dc, 19
 Manchester, Bb, 44b
 Manchuria, Lb, 60; Md, 63
 Mancunium (Manchester), Dc,
 30
 Mandalay, Gc, 62; Jf, 63
 Mangalore, Be, 62
 Mangi, Jd, 60
 Manihiki Is., Be, 52a
 Manila, Mg, 63
 Manipur, Fe, 62
 Manissa, Ff, 28a
 Manitoba, Fb, 57
 Manitoulin, Aa, 54a
 Mannheim, Cb, 23c
 Manresa, Fb, 19
 Mansurah, Ee, 29a
 Mantes, Fa, 35
 Mantua, Cb, 16
 Mantua, Marquisate of, Cb,
 17c
 Manzanares, Dc, 19
 Manzikert, Ke, 6
 Mar, Fb, 39
 Maracaibo, Bb, 58a
 Maranhão, Ed, 58a
 Marathas, Territory of the
 61a, 61b
 Marburg, Bc, 24b
 Marche, Cc, 15a; Fe, 35

- Nepal, Db, 62; If, 63
 Nephin, Mtn., Bb, 41
 Nerchinsk, Lc, 63
 Ness, Loch, Db, 39
 Netherby, Cb, 36d
 Netherlands, 20a, 20c
 Neu Breisach, Db, 52b
 Neuchâtel (Canton, town and lake), Ab, 21a
 Neufchâteau, Ab, 23c
 Neuhausel, Bd, 26a
 Neumark, Eb, 24a
 Neumarkt, Da, 21b
 Neuss, Fc, 20a
 Neustria (France), Cc, 4
 Neustria (Lombardy), Bb, 16
 Neva, R., Bb, 27c
 Nevada, Dd, 57
 Nevers, Ee, 14; Dc, 36b
 Neville's Cross, Dc, 36d
 Nevis, Island, Fc, 53a
 Nevjansk, Kc, 27
 New Albion, Dc, 48a
 New Amsterdam (New York), Ac, 54b
 Newark (England), Cc, 38a
 Newark (U.S.A.), Bd, 56a
 New Berne, Db, 56b
 New Britain, Island, Qe, 49a
 New Brunswick, Ic, 57
 Newburn, Cb, 38a
 Newbury, Cd, 38a
 New Caledonia, Island, Rf, 52a
 New Caledonia, N. America, Cb, 57
 New Carthage, Ac, 56b
 New Castile (Spain), Dc, 19
 New Castille (S. America), Bde, 58a
 Newcastle (Australia), Te, 65a
 Newcastle (Dublin), Cd, 43
 Newcastle (Limerick), Bd, 42c
 Newcastle (North), Aa, 64e
 Newcastle (Northumberland), Eb, 34
 Newcastle (U.S.A.), Be, 56a
 Newcastle-under-Lyme, Bc, 38b; Ed, 43
 New-chwang, Md, 63
 New Coimbra, De, 58a
 New East Prussia, Hb, 24a
 New England, Ac, 54c
 New Estremadura, Bg, 58a
 Newfoundland, I., Fa, 54a
 New France, Fb, 49a
 New Galicia, Bb, 53a
 New Galloway, Dc, 43
 New Granada, Fd, 49a
 New Guinea, Island, Qe, 49a
 New Hampshire, Bb, 54b; Cc, 56a
 New Hanover (Natal), Bb, 64e
 Newhaven (Connecticut), Ac, 54b
 New Hebrides, Islands, Lb, 65a
 New Holland (Australia), Pf, 50
 New Jersey, Bd, 56a
 New Lisbon, Fd, 58a
 New London, Ac, 54b
 New Madrid, Bb, 56b
 Newmarket, Dc, 38b
 New Mexico, Ed, 57
 New Navarre, Aa, 53a
 New Netherlands, Cb, 54c
 New Orleans, Ae, 55; Ac, 56b
 New Plymouth, Ba, 65c
 Newport (Connecticut), Bc, 54b
 Newport (Cornwall), De, 43
 Newport (I. of Wight), Ef, 34
 Newport Pagnell, Cc, 38a
 Newport News, Bb, 56c
 New Providence, Eb, 53a
 New Radnor, Ed, 43
 New Republic, Ba, 64e
 New Romney, Ge, 43
 New Ross, Ed, 42c
 Newry, Down, Eb, 42c
 New Schleswig, Da, 22
 New Shoreham, Fe, 43
 New Siberia, Oa, 63
 New Siberian Is., 51b
 New Silesia, Gc, 24a
 New South Wales (Australia), 65a
 New South Wales (N. America), Fb, 57
 New Spain, Dd, 49a
 New Sweden, Bc, 54c
 New Toledo, Cc, 58a
 Newton (Lanes), Ed, 43
 Newton (U.S.A.), Be, 56b
 Newtown (Isle of Wight), Fe, 43
 Newtown Ards, Fb, 42c
 Newtown Butler, Fermanagh, Db, 42c
 New Windsor, Bd, 56a
 New York, Cb, 54a; Cd, 56a
 New Zealand, 65c
 Niagara, Hc, 57
 Nicaea, Da, 29a
 Nicaea (Empire), Cb, 29b
 Nicaragua, Dc, 53a
 Nice, Ac, 17c
 Nicobar, Is., If, 60
 Nicomedia, Da, 29a
 Nicopolis, Ed, 28a
 Nied, Db, 52b
 Niemen, R., Bb, 27c
 Nieuport, Bc, 20a
 Nigeria, Fc, 64c
 Nigritia, Jd, 49a
 Nijni Kamchatsk, Qb, 49a
 Nijni Kolimsk, Qb, 63
 Nijni Novgorod, Gc, 27
 Nijni Udinsk, Jc, 63
 Nikolayevsk, Oc, 63
 Nile, R., Jg, 5; Gb, 64a
 Nimes, Fe, 14
 Nimwegen (Nijmegen), Ec, 20a
 Ning-po, Me, 63
 Ninus, Lf, 1
 Niort, Ee, 35
 Nippon, Mc, 60
 Nishni Novgorod, Gc, 27
 Nish (Nisaa), Cd, 28a
 Nisibis, Lf, 1
 Nith, River, Cb, 37
 Nithsdale, Ed, 39
 Nivelles, 20b and Dd, 20a
 Nivernais, Dc, 15a
 Nizam's Dominions, Cd, 61a; Cd, 61c
 Nogent, Bb, 52b
 Noisseville, Dd, 52b
 Nombre de Dios, Ea, 53a
 Nordgau, Ed, 22
 Nordheim, Dc, 22
 Nördlingen, Db, 23c
 Nordmark, Fb, 22
 Nore, Db, 45a
 Norham, Cb, 36d; Bb, 38a
 Noricum, Fd, 1
 Normanton, Gb, 65a
 Norfolk (England), Gd, 34
 Norfolk (U.S.A.), Bc, 54a; Bc, 56c
 Norfolk I., Ld, 65a
 Normandy, Duchy of, Cb, 14
 Norsemen, Fa, 31
 Northallerton, Eb, 34; Dc, 36d
 North America, 46-52, 55-57
 Northampton, Fd, 34; Fe, 37
 North Anna R., Ab, 56c
 North Aran, I., Ca, 41
 North Berwick, Eb, 43
 North Carolina, Db, 56b; Gd, 57
 North Channel, Fa, 41
 North Dakota, Ec, 57
 North Devon, Island, Ca, 49b
 North Foreland, Db, 45a
 North Gyrwas, Cb, 32a
 North Kanara, Ac, 59a
 North Konkan, Ac, 59a
 North Pole, 51b
 North Ronaldsay, Island, Ca, 40b
 North Sea, Ca, 6; Db, 31
 North Uist, Island, Ab, 39
 Northumbria, Ca, 32b
 North Wales, 37a
 North West Cape, Ae, 65a
 North West Frontier Province, He, 63
 North West Passage, Search for, 49b
 Norway, 33
 Norwich, Hd, 34; He, 37
 Notley, Ff, 37
 Nottingham, Cb, 32c; Ed, 34; Cc, 38a
 Nouart, Cb, 52b
 Novae, He, 2b
 Novara, Bb, 17c
 Nova Scotia, Ea, 54a
 Novaya Zemlya, I., 51b
 Novempopulana, 4b
 Novgorod, Eb, 26a; Gb, 27
 Novi, Cb, 21b
 Novibazar, Cd, 28a
 Nubia, Kc, 46a
 Nullarbor Plain, De, 65a
 Numea, Lc, 65a
 Nuneaton, Ee, 37

- Nuremberg (Nürnberg), Ed, 22; Cb, 23a; Db, 23c
- Oakham, Fd, 34
- Oaxaca, Cc, 53a
- Ob, R., Ha, 60; Hb, 63
- Obidos, Dd, 58b
- Obok, Eg, 63
- Obotrites, Eb, 22
- O'Brien (Ian, Ca, 41
- Ocaña, Dc, 19
- O'Carroll, clan, Db, 41
- Oceanus Atlanticus, Ad, 1
- Oceanus Germanicus, Db, 1
- Ockley, Cc, 32b
- O'Connor, clan, Cc, 41
- Ocinum Pr., Af, 30
- Octapitarum Pr., Ae, 30
- O'Dempsey, clan, Dc, 41
- Oder, R., Fb, 4
- Odessa, Ed, 20b; Ee, 27
- Odiham, Fe, 34
- Odoacer, Kingdom of, Fo, 2a
- O'Dowd clan, Bb, 41
- Offaly, Dc, 41
- Offa's Dyke, Bb, 32b
- O'Flaherty, clan, Cc, 41
- Oglio, River, Cb, 16; Db, 21b
- Ohio, State, Gc, 57
- Ohio, R., Be, 55
- Oirghaalla, Db, 41
- Oise, River, Eb, 14
- Ojibways, Aa, 55
- Oka, R., Gc, 27
- Okehampton, Bf, 34; De, 43
- O'Kelly, clan, Cc, 41
- Okhotsk, Oc, 63
- Okhrida, Cc, 28a
- Oklahoma, Fd, 57
- Oland, Island, Fa, 8
- Old Castile, Db, 19
- Oldenburg, Db, 13; Bb, 24b
- Oldham, Bb, 44b
- Old Leighlin, Cd, 43
- Old Providence I., Dc, 53a
- Old Sarum, Fe, 43
- Old Udinsk, Kc, 63
- Olekminsk, Mb, 63
- Oléron, I. de, Cd, 14
- Olicana (Ilklev), Ec, 30
- Olmütz, Fd, 24a; Db, 25a
- Oitenitza, Fe, 28a
- Olympus, Mt., Dc, 28a
- Omagh, Db, 42c
- Oman, Nh, 5; Ed, 59; Ff, 63
- Oman, G. of, Ed, 59
- Ombai, Ac, 49d
- Omsk, Hc, 63
- Omyl, Hb, 59
- Onga, L., Ca, 27c
- Oneida, L., Bc, 56a
- O'Neill, clan, Db, 41
- Ontario, Lake, Db, 55
- Oodeypore (Udaipur), Bc, 61a
- Orporto, Ab, 19
- Oran, Be, 13; Be, 8
- Orange (Albany), Ca, 54c
- Orange (France), 15d
- Orange Free State (Orange River Colony), Cc, 64d
- Oranmore, Co, 42a
- Orbitello, Cc, 18a
- Orchies, Cd, 20a
- Ordovices, Cd, 30
- O'Reilly, clan, Dc, 41
- Orenburg, Jd, 27
- Oregon, Cc, 57
- Orford, Hd, 34
- Orina, River, Bc, 28a
- Orinoco, River, Cc, 58b
- Orissa, Ec, 61a
- Orkney Is., Cb, 31; Fa, 39
- Orleans, De, 14
- Orleans, Isle of, 55a
- Orleans, Lands of the House of, 15b
- Ormond, Cd, 41
- Ormskirk, Bc, 38a
- Ormuz, Ng, 5; Ed, 59
- Orontes (Ferrous), Dc, 29c
- O'Rourke, clan, Db, 41
- Orsova, Cc, 26b; Dc, 28a
- Ortegal, C., Aa, 19
- Orthéz, Bd, 11
- Oruba, Fe, 53a
- Orvieto, Dc, 17c
- Osage, Ab, 56b
- Ösel, Island, Cc, 27
- O'Shaughnessy, clan, Cc, 41
- Osnabrück, Db, 22; Ab, 24a
- Ossa, Mt., Df, 28a
- Ossory, Dd, 41
- Ostend, Bc, 20a
- Ostia, Dd, 16
- Ostmark, Fc, 22
- Ostrogothi, Id, 1
- Ostyaks, Hb, 63
- Oswestry, Cb, 36a
- Otago, Ab, 65c
- Otaheite, Island, Be, 51a
- Otechakof, Ed, 26b
- O'Toole, clan, Ed, 41
- Otranto, Fd, 17a
- Otrar, Fb, 59
- Ottawa, Hc, 57
- Otterburn, Cb, 36d
- Ottery St. Mary, Cg, 37
- Ottoman Empire, Growth of, 25b
- Ottoman Turks, Hf, 7
- Oudenarde, Cd, 20a
- Oudh, Db, 61a, 61b, 62
- Oujitsa, Bd, 28a
- Oureq, R., Bb, 52b
- Ouriq, Ad, 18c
- Ouse, Great, R., Cc, 31
- Ouse, River, Cc, 31
- Overyssel, Province, Fb, 20a
- Oviedo, Ca, 19
- Ox Mts., Cb, 41
- Oxford (England), EE, 34; Ef, 37; Dc, 32d; Cd, 38a
- Oxford (Virginia), Ab, 50c
- Oxus, R. (Amu Daria), Oe, 5
- Ozaka, Mc, 60; Ne, 63
- Pacaltsdorp, Bb, 64b
- Pachacamac, Be, 58a
- Padang, Oe, 49a
- Paderborn, Db, 4; Dc, 22; Bo, 24a
- Padua, Cb, 16; Cb, 17c
- Paducah, Bb, 56b
- Paisley, Bc, 40b
- Pakhoi, Kf, 63
- Palapye, Cb, 64d
- Palar, River, 61d
- Palatinat, The, Bb, 23b
- Palatinat, Lower, Dc, 8
- Palawan, I., Le, 60
- Palermo, Da, 16
- Palestine, 29c; Cc, 59
- Palk Strait, Cf, 62
- Palmas, C., Cd, 64c
- Palmerston, Ea, 65a
- Palmyna I., Ad, 52a
- Palmyna (Tadmor), Kg, 1
- Pamiers, 15d
- Pamirs Mts., Gc, 59
- Pamphyliia, Jf, 1
- Pamplico Sd., Dc, 55
- Pamplona, Ea, 19
- Pamunky, Ab, 56c
- Panama, Ed, 53a; Bc, 58a
- Panipat, Cb, 61a
- Panniar, Cb, 62
- Pannonia, Gd, 1
- Papal States, 17a, b, c, 18a, b
- Paphlagonia, Je, 1
- Para, Ed, 58a
- Paraguay, R., Df, 58b
- Paraguay, Jesuit Mission State of, Df, 58a
- Parahyba (Brazil), Fd, 58a
- Paramaribo, Ef, 45b
- Parana, Cg, 58b
- Parana, River, Df, 58b
- Parenzo, Db, 17b
- Parga, Cf, 28a
- Paris, Eb, 14, 15a
- Parisi, Fc, 30
- Parkersburg, Cb, 56b
- Parma, Cb, 16; Cb, 17c
- Parma, Duchy of, 18a, 18b
- Parnahyba, Ed, 58b
- Paros, Is., Eg, 28a
- Parret, R., Bc, 32b
- Parry Is., Ba, 49b; 51b
- Passamaquoddy, Da, 54a
- Passarowitz, Cc, 26a
- Passau, Fd, 22
- Pasto, Bc, 58b
- Patagonia, Bb, 58a
- Patay, Cb, 36b
- Patiala, Ca, 62
- Patna, Eb, 61a
- Patras, Cf, 28a
- Patzinaks, Hc, 6
- Pau, 15d
- Paumotu Is., Cc, 51a
- Pavia, Bb, 16; Bb, 17c
- Pawtucket, Bc, 54b
- Peace, R., Bb, 49b
- Pearl I., Ea, 53a
- Pea Ridge, Ab, 56b
- Pecsaetan (tribe), Cb, 32a
- Peckskill, Cd, 56a
- Peebles, Ec, 43
- Pegu, Dc, 62

- Pel-ho, R., Ld, 63
 Peipus, L., Bb, 27c
 Peking, Kc, 60; Le, 63
 Pelew Is., Qd, 52a
 Pella, Aa, 64b
 Peloponnesus, Ge, 4
 Pelusium, Ec, 29a
 Pemaquid, Cb, 54b
 Pembroke, Bc, 36c
 Peniscola, Fb, 18c
 Penner, R., Ge., 59, 61d
 Pennsylvania, Bb, 54a; Hc, 57
 Penobscot (R. and bay), Ca, 54b
 Penrhyn, Be, 52a
 Penrith, Db, 34
 Penryn, Ad, 38a; De, 43
 Pensicola, Bd, 55
 Penselwood, Bc, 32d
 Pentam, Jf., 60
 Pentapolis, Dc, 16
 Pentland Hills, Ed, 39
 Penukonda, Ac, 59a
 Perche, Fd, 35
 Perekop, Ee, 27
 Pergamum, Db, 29a
 Perigord, Cd, 15a; Cd, 36a
 Perigueux, Dd, 14
 Perim Island, Eg, 63
 Perm, Jc, 27
 Pernambuco (Recife) Fd, 58a
 Peronne, Eb, 14; Bb, 52b
 Perovsk, Gd, 63
 Perpignan, 15d
 Persarum Regnum, Ng, 1
 Perryville, Cb, 56b
 Pershore, Dd, 34; De, 37
 Persian Gulf, Mg, 5; Dd, 59
 Perth (Scotland), Ec, 39
 Perth (W. Australia), Be, 65a
 Peru (Republic), Bd, 58b
 Peru, Viceroyalty of, 58a
 Perugia, Dc, 16; Dc, 17c
 Pesaro, Dc, 16; Dc, 17c
 Peschana Bay, 27a
 Peshawar, Ba, 62; Ge, 63
 Peterborough, Fe, 37
 Peterhead, Dc, 40a
 Petersburg (Virginia), Ab, 53c
 Petersburg (Russia) (see St. Petersburg)
 Petersfield, Ff, 34
 Peterwardein, Bd, 26a
 Petropavlovsk, Pc, 63
 Pevensey (Anderida), Dc, 32a
 Philadelphia, Bb, 54a; Da, 56b
 Philiphaugh, Bb, 38b; Cc, 40a
 Philippeville, Dd, 20a
 Philippine Is., Le, 60; Mg, 63
 Philippopolis, Ed, 28a
 Philippsburg, Eb, 15c; Cb, 23c
 Philipstown, Dc, 42c
 Phoenix Is., Ae, 52a
 Phrygia, If, 1
 Piacenza, Bb, 16; Bb, 17c
 Piahy, Ed, 58b
 Piave, River, Eb, 21b
 Pichincha, Bd, 58b
 Pickawillany, Cb, 55
 Pickering, Fb, 34
 Pictou, Mg, 65a
 Picts, Cb, 31
 Piedmont, 18a, 185
 Pietermaritzburg, Bb, 64c
 Pieters, Bb, 64c
 Pietersburg, Cb, 64d
 Piet Retief, Dc, 64d
 Pilcomayo, River, Cf, 58b
 Pilot Knob, Ab, 56b
 Pinar del Rio, Db, 53a
 Pindus Mts., Cef, 28a
 Pinerolo, Ab, 17c
 Pineville, Ab, 56b
 Pingyang, Cb, 52c
 Pinkie, Cc, 40a
 Pinos, Isle de, Db, 53a
 Pinsk, Dd, 27
 Piombino, Cc, 17c
 Piræus, Dg, 28a
 Pirna, Ec, 24a
 Pirol, Dd, 28a
 Pisa, Cc, 16; Cc, 17c
 Piscataqua Bay, Bb, 54b
 Piscataqua, R., Cb, 54a
 Pisidia, Jf, 1
 Pitcairn I., Cf, 51a
 Pitsewo, Bb, 52c
 Pittenweem, Eb, 43
 Pittsburg, Da, 56b
 Pittsburg Landing, Bb, 56b
 Placentia (Newfoundland), Ga, 54a
 Plasencia, Bb, 19
 Plassey, Ec, 61a; and 61b
 Plancenoit, 20b
 Pleasant Hill, Ac, 56b
 Plenty, Bay of, Ca, 65c
 Pleshey, Ge, 34
 Plettenburg, Ca, 64b
 Plevna, Ed, 28a
 Plock, Gb, 24a
 Plymouth (Devon), Bf, 34
 Plymouth (Massachusetts), Bc, 54b
 Plympton, Bf, 34; Bg, 37
 Po, R., 16, 21b
 Podlesia, Dc, 26a
 Podolia, Dd, 26a
 Poggibonsi, 17c
 Poissy, Db, 15b; Db, 36a
 Poitiers, De, 14; Fe, 35
 Poitou, Cc, 14; Ee, 35
 Pola, Db, 16
 Poland, Fb, 6; Gc, 7; Gb, 8; 26a; Bd, 27
 Poland, Little, Cc, 26a
 Polotsk, Db, 26a; Dc, 27
 Poltawa, Ed, 26a
 Polygars, Ac, 59a
 Pombal, Ac, 19
 Pomerania, Hb, 22; Eb, 24a
 Pomerania, Eastern, Fa, 24a; Fb, 9
 Pondicherry, Cc, 61a; Cc, 61c; 61d
 Pondoland, Da, 64b
 Ponferrada, Ba, 19
 Pont-a-Mousson, Cb, 52b
 Pont Audemer, Ab, 52b
 Pontefract, Ed, 37; Ec, 34; Cc, 38a
 Pontevedra, Aa, 19
 Ponthieu, County of, Da, 14; Ca, 36a
 Pontigny, Dc, 36a
 Pontus, Jf, 1
 Pontus Euxinus, Je, 1
 Pontvallain, Bc, 36a
 Poole, Cd, 38a; Cb, 45a
 Pool's Prairie, Ab, 56b
 Poona, Bd, 61a; Bd, 62
 Popayan, Bc, 58a
 Port Adams, Bb, 52c
 Portadown, Eb, 42c
 Portage la Prairie, Fb, 57
 Port Antonio, Ec, 53a
 Portarlington, Dc, 42c
 Port Arthur (Asia), Le, 63
 Port Arthur (Canada), Gc, 57
 Port Darwin, Ea, 65a
 Port Elizabeth, Cb, 64b
 Portendick, Id, 49a
 Porth Madrin, Ch, 58b
 Port Hudson, Ac, 56b
 Portland (Australia), Gf, 65a
 Portland (Maine), Cb, 54a
 Hc 57
 Port Macquarie, Ie, 65a
 Port Mahon, Ce, 10
 Port Nicholson, Bb, 65c
 Porto Alegre, Df, 58a
 Porto Bello, Ea, 53a; Bc, 58a
 Port of Spain, Fc, 53a
 Porto Novo, 61d
 Port Phillip, Gf, 65a
 Porto Praya, He, 45b
 Porto Rico, Island, Fc, 53a
 Porto Seguro, Fe, 58a
 Porto Viejo, Ad, 58a
 Portree, Bb, 39
 Port Royal (Nova Scotia), Eb, 54a
 Port Royal (S. Carolina), Od, 55
 Port Royal (Jamaica), Ec, 53a
 Port Said, Kc, 52a
 Port St. Julian, Ch, 58a
 Port Simpson, Bb, 57
 Portsmouth (England), Ef, 34; Cb, 45a
 Portsmouth (Virginia), Dc, 55
 Portsmouth (Maine), Cb, 54a
 Portsoy, Cb, 40b
 Portugal, County of, 18c
 Portugal, Kingdom of, 19
 Portuguese East Africa, Db, 64d
 Portus Itius, Dd, 31
 Portus Lemanæ (Lymne), He, 30
 Portus Magnus, Ef, 30
 Posen, Fb, 24a; Bc, 26a
 Potchefstroom, Ec, 64d
 Potgieter, Cc, 64d
 Poti, Gf, 27
 Potomac, R., Dc, 55
 Potosi, Peru, Ce, 58a

- Potsdam, Db, 24a
 Pottstown, Bd, 56a
 Poughkeepsie, Cd, 56a
 Pound Fk., Ch, 56b
 Poverty Bay, Ca, 65c
 Powell, R., Ch, 56b
 Powhatan, Ab, 56c
 Powick Bridge, Bc, 38a
 Powys, Cd, 34; Ch, 36c
 Prague, Eb, 8; Eb, 11; Gc, 22; Ca, 25a
 Prairie Grove, Ab, 56b
 Prato, Co, 17c
 Pravadi, Fd, 28a
 Prayaga, Bb, 59a
 Presqu'île, Ch, 55
 Pressburg, Hd, 22; Db, 25a
 Prestor John, Kd, 47a
 Preston, Dc, 34; Bc, 38a
 Prestonpans, Co, 40b
 Pretoria, Co, 64d
 Preveza, Cf, 28a
 Priegnitz, Db, 24a
 Prince Edward I. (Isle de St. Jean), Ea, 54a; Ic, 57
 Prince George Court House, Ab, 58c
 Prince Regent Inlet, Ca, 49b
 Prince Rupert, Bb, 57
 Princess Charlotte Bay, Ga, 65a
 Princeton, Bd, 56a
 Principe, Island, Jd, 46a
 Pripet, R., Bb, 27c
 Prome, Gd, 62
 Prosperous, Ec, 42c
 Provence, County of, Ee, 15a
 Provence, Marquisate of, Ed, 15a
 Providence, Bc, 54b; Dd, 56a
 Provinciae Regnum, Fe, 14
 Prussia, 24a, 24b
 Prussians, Gb, 6
 Pruth, R., Bc, 27c; Fb, 28a
 Puerto Cabello, Gb, 58b
 Puerto Principe, Eb, 53a
 Pularoon, Bb, 49d
 Pulaski, Bb, 56b
 Pulaway, Bb, 49d
 Pulicat, 61d
 Punjab, Ba, 61c; Ba, 62
 Purnea, Eb, 61a
 Purus, River, Cd, 58b
 Puster Thal, DEa, 21b
 Putumayo, River, Bd, 58a
 Pwllheli, Dd, 43
 Pyrenæi Mts., De, 1
 Pyrenees Mts., 19
 Pyretus, R. (Pruth), Id, 1
- Quadi, Gd, 1
 Quatre Bras, 20b, and Dd, 20a
 Quebec, Ca, 54a, 55a; Da, 56a
 Quedlinberg, Ec, 22
 Queenborough, Ge, 43
 Queen Charlotte Island, Bb, 57
 Queensferry, Ec, 43
 Queensstown, Ca, 64b
- Quensanfu (Si-ngan) Jo, 60
 Quensay, Pc, 46a
 Quercy, Cd, 15a; Ff, 35
 Quetta, Aa, 62
 Quiberon, Bd, 45a
 Quilon, Ad, 59a
 Quimper, Ac, 45a; De, 35
 Quimperlé, Ac, 36b
 Quincy, Ab, 56b
 Quinsay (Hangchow), Lc, 60
 Quito, Bd, 58a
- Rabat, Af, 13
 Raby, Eb, 34; Dc, 36d
 Race, C., Eb, 45b
 Radcot Bri, Ee, 34
 Radnor, Cd, 34
 Radom, Co, 26a
 Raglan, Bd, 38a
 Ragusa, Rep. of, Ed, 10
 Rajahahan, 61b
 Rajputana, Gd, 59; Bb, 62
 Raleigh, Dc, 55; Db, 56b
 Ramapo, Bd, 56a
 Ramillies, Dd, 20a
 Ramleh, Bg, 29c
 Ramnagar, Ba, 62
 Rampur, Ch, 62
 Ramsey, Fe, 37
 Rangoon, Gd, 62
 Raphoe, Db, 41; Db, 42c
 Rapidan, R., Aa, 56c
 Rappahannock, R., Dc, 55
 Rapperswyl, Ca, 21a
 Raslawice, Co, 28b
 Ratae (Leicester), Ed, 30
 Rathcormac, Bd, 43
 Rathfarnham, Ec, 42c
 Rathlin I., Ea, 41
 Rathmines, Ec, 42c
 Ratisbon, Fd, 22
 Ratoah, Cd, 43
 Ravenglass, Ch, 30
 Ravenna, Db, 16; Db, 17c
 Ravenspur, Gc, 34
 Ravenstein, Ec, 20a
 Ravi, R., Gc, 59
 Rawalpindi, Ba, 62
 Reading (England), Fe, 34; Ff, 37
 Reading (Pennsylvania), Bd, 56a
 Recife (Pernambuco), Fd, 58a
 Redesdale, Ch, 36d
 Red R. (N. America), Ac, 56b
 Red R. (Tong-king), Kf, 63
 Red River Colony, Fb, 57
 Red Russia, Co, 26a
 Red Sea, Jh, 5
 Rea, L., Dc, 41
 Reggio, Ec, 16; Ch, 17a
 Regni, Ff, 30
 Regnum (Chichester), Ff, 30
 Regulbium (Reculver), He, 30
 Rehdaniya, Dd, 25b
 Reigate, Fe, 34
 Reims, Ef, 14; Ch, 52b
 Renfrew, Dd, 39
 Rennes, Bb, 36a
 Reno, R., Db, 21b
- Requena, Ec, 19
 Resaca, Co, 56b
 Resolution I., Da, 49b
 Retford, Co, 38a
 Rethel, Eb, 36b; Ch, 52b
 Réunion, Island, Lf, 52a
 Reval, Ch, 26a
 Rha, R. (Volga), Md, 1
 Rhaetia, Fd, 1
 Rhayader, Ed, 43
 Rhé, Ile de, Ce, 14
 Rheims (see Reims)
 Rheinfelden, Ba, 21a
 Rhenus, R., Ed, 1
 Rhine, R., CD, 22
 Rhine, Confederation of the, Eb, 11
 Rhine Province, Ac, 24b
 Rhodanus fl., Ee, 1
 Rhode I., Bc, 54b
 Rhodes Drift, Ch, 64d
 Rhodes, island, Hf, 7; Ch, 29b; Co, 25b; Gg, 28a
 Rhodesia, Ca, 64d
 Rhodope Mts. (Despoto Dagh) DE, 28a
 Rhône, R., Fd, 14
 Rhuddlan, Co, 34; Ca, 36c
 Riazan, Fd, 27
 Ribble, R., Dc, 34
 Richelieu, R., Ch, 56a
 Richmond (Natal), Bb, 64c
 Richmond (Virginia), Bc, 54a; Ca, 56b
 Richmond (Yorks), Eb, 34; Dc, 36d; Cd, 38b
 Rieti, Dc, 18b
 Riga, Co, 27
 Rimini, Db, 16; Db, 17c
 Ringmere, Db, 32d
 Rio de Janeiro, Ef, 58a
 Rio Grande do Norte, Fd, 58a
 Rio Grande do Sul, Dg, 58a
 Rio Hacha, Bb, 58a
 Rio Negro, Cd, 58b
 Ripon, Eb, 34; Ec, 37
 Ripuarii Franci, Ec, 1
 Riu-kiu Islands, Mf, 63
 Rivaulx, Ec, 37
 Rivière du Loup, Da, 54a
 Rivoli (Piedmont), Bb, 21b
 Rivoli (Venetia), Db, 21b
 Roanoke I., Bc, 54a
 Roanoke, R., Dc, 55
 Robertsbridge, Gf, 37
 Rochdale, Bb, 44a
 Roche, Ed, 37
 Rochefort, Bc, 11; Kb, 45b
 Rochelle, La, Ce, 14
 Rochester, Ge, 34; Gf, 37
 Rochester, diocese of, 37a
 Rockhampton, Ic, 65a
 Rockingham, Fd, 34
 Rockingham Forest, Fd, 30
 Rocroy, Ch, 15c; De, 20a
 Rodez, Dd, 36a
 Roebourne, Bc, 65a
 Roger's Rock, Co, 56a
 Rohilkhand, Ch, 61a
 Ralla, Ab, 56b

Rolling Fork, Bb, 56b
 Roma, Fe, 1
 Romagna, Dc, 17c
 Roman Britain, 30
 Roman Empire, Eastern, 2-7
 Holy Roman Empire, 7, 8
 Romaniola, Cb, 17b
 Rome, 16a and Dd, 16
 Rome (Georgia), Bc, 56b
 Romney (Kent), Gf, 34; Db, 4a
 Romney (W. Virginia), Db, 56b
 Romsey, Eg, 37
 Roncaglia, DF, 22
 Roncesvalles, Bd, 4
 Ronda, Cd, 19
 Rorke's Drift, Bb, 64c
 Rosas, Ga, 19
 Roscommon, Cc, 41; Cc, 42c
 Roscrea, Dd, 42c
 Ross (Cork), Be, 41; Cc, 42c
 Ross (Hereford), De, 34
 Ross (Wicklow), Cd, 43
 Rosshach, Cc, 24a
 Rosslyn, Cb, 37
 Rostock, Da, 24b
 Rostof, Fe, 27
 Rothesay, Bc, 40a
 Rotomagus (Rouen), Dd, 31
 Rotterdam, Dc, 20a
 Rouen, Db, 14; Fd, 35; Cb, 36a; Ab, 52b
 Rouergue, Dd, 15a; De, 36a
 Roundway Down, Cd, 38a
 Roussillon, 16d
 Rouvray, Cb, 36b
 Rovigno, Db, 17b
 Rowton, Bc, 38b
 Roxburgh, Cb, 36d Fd, 39
 Roxbury, 56b
 Royale, Ile (C. Breton I.), Ea, 54a
 Rufford, Ed, 37
 Rügen I., Fa, 22; Da, 24b
 Rugii, Fe, 1
 Rullion Green, Cc, 40b
 Rum Island, Bc, 39
 Rum, or Iconium (Kingdom), Fb, 29a; Cc, 59
 Rumania, Ee, 28a
 Rumelia, Eastern, Ed, 28a
 Runcorn, Bb, 32c
 Runnymede, Fe, 34
 Rupert's Land, Ba, 54a; Gb, 57
 Rupp, Db, 24a
 Ruremonde, Ec, 20a
 Ruschuk, De, 26a; Ed, 28a
 Russell, Ba, 65c
 Russia, 26a and b, 27
 Russian Empire, 63
 Russian States, Jb, 7
 Russo-Japanese War, 52c
 Rustenburg, Cc, 64d
 Rutherglen, Bc, 40b
 Ruthin, Cc, 34; Cc, 36c
 Rütli, Cb, 21a
 Rutupiae (Richborough), He, 39

Rye, Ge, 43
 Ryknield Way, Ed, 30
 Rymnik, Dd, 26b
 Saale, R., Ec, 22
 Saanen, Bb, 21a
 Saar, R., Db, 52b
 Saarbrücken, Db, 52b
 Saarlouis, Db, 52b
 Saarunion, Db, 52b
 Saba Is., Fc, 53a
 Sabancuy, Cc, 53a
 Sable I., Eb, 45b
 Sabraon, Ba, 62
 Sabrina Aest., (Severn), Ce, 30
 Sabugal, Bb, 19
 Saco Bay, Bb, 54b
 Sacramento, Gf, 48a
 Sadiya, Jf, 63
 Sadowa, Ec, 24b
 Saginaw Bay, Cb, 55
 Sagitta (Sidon), Ce, 29c
 Sagres, Ic, 46a
 Sagnenay, R., Ca, 54a
 Sahagun, Ca, 19
 Sahara, Jc, 46a
 Saimatsi, Ca, 52c
 St. Albans, Fe, 34; Ff, 37
 St. Amand (Brabant), 20b
 St. Amand (Flanders), Cd, 20a
 St. Andrew I., Dc, 53a
 St. Andrews, Diocese of, Da, 37
 St. Andrews, Ca, 36d; Fe, 39
 St. Anna, Ab, 56c
 St. Ann's, Ec, 53a
 St. Asaph, Cd, 37
 St. Augustine, Db, 53a
 St. Austell, Ad, 58b
 St. Avold, Db, 52b
 St. Bartholomew, I., Fc, 53a
 St. Bee's, Cc, 37
 St. Bernard Passes (Great and Little), Bb, 21b
 St. Blaze, Ad, 38b
 St. Cast, Bc, 45a
 St. Charles, Ab, 56b
 St. Clair, Ab, 54a
 St. David's, Ac, 36c; Af, 37
 St. Denis, Db, 15b
 St. Die, Db, 52b
 St. Dizier, Cb, 52b
 Saintes, Cd, 14; Bd, 36a
 St. Eustatius, Island, Fc, 53a
 St. Gallen, Canton and town, Da, 21a; Ec, 22
 St. George (Lydda), Bg, 29c
 St. George, Str. of, 29d
 St. Germain, Bb, 15c
 St. German's, Bg, 37
 St. Gothard, Hungary, Bd, 26a
 St. Gotthard Pass, Ca, 21b
 St. Helena Island, Ic, 51a
 St. Helena Bay, Ab, 64b
 St. Helen's, Cb, 45a
 St. Ives (Cornwall), De, 43
 St. Ives (Huntingdon), Cc, 38a
 St. Jean d'Angely, Bd, 15b

St. Jean, Ile, de (Prince Edward I.), Ea, 54a
 St. John, Bb, 54a; Ic, 57
 St. John's I., Cc, 56b
 St. John's (Newfoundland), Ga, 54a
 St. John's (Richelieu), Cb, 56a
 St. John's Town (Londonderry), Cc, 43
 St. Johnstown (Longford), Cd, 43
 St. Joseph, Bb, 54a
 St. Joseph I., Aa, 54a
 St. Juan de Ulloa, Cc, 53a
 St. Kitt's, Island, Fc, 53a
 St. Lawrence R., Ca, 56a
 St. Lazaro Arch, Pd, 47a
 St. Lo, Bb, 36a
 St. Louis (U.S.A.), Ac, 55; Ab, 56b
 St. Louis (W. Africa), Ba, 64c; Id, 52a
 St. Louis Fort (Nova Scotia), Eb, 54a
 St. Lucia Island, Fc, 53a
 St. Malo, Bc, 45a
 St. Martin, Fc, 53a
 St. Martin, C., Ab, 64b
 St. Mary (Canada), Bc, 54a
 St. Mary (Maryland), Ac, 54c
 St. Mawes, Dc, 43
 St. Michael, Dc, 43
 St. Neot's, Fe, 37
 St. Omer, Bd, 20a
 Saintonge, Cd, 14; Ef, 35
 St. Osyth, Hf, 37
 St. Petersburg, Eb, 26b; Ec, 27
 St. Pierre, Island, Eb, 45b; Fa, 54a
 St. Pol, Artois, Bd, 20a
 St. Pol de Léon, Cd, 35
 St. Quentin, Db, 15a; Bb, 52b
 St. Sauveur, Bd, 54a
 St. Symeon (Seleucia), Cb, 29c
 St. Thomas, Island, Fc, 53a
 St. Thomas' Tomb, He, 59
 St. Thomas, Island, De, 64a
 St. Trond, Ed, 20a
 St. Valery, Ca, 36a; Dc, 45a
 St. Vest, Bb, 36a
 St. Vincent, Island, Fc, 53a
 St. Vincent C., Ad, 19
 Sakhalin, Island, Oc, 63
 Sakon (Sachu), Ib, 60
 Saladin and the Ayubites, Empire of, Ec, 29a
 Salamanca, Cb, 18c; Cb, 19
 Saldanha, Ca, 19
 Sallanha Bay, Ab, 64b
 Salem, Ohio, Bb, 56b
 Salem (Massachusetts), Bb, 54b
 Salerno, Ed, 16
 Salerno, Duchy of, Ed, 17a
 Salford, Bb, 44b
 Salian Franks, Da, 2a
 Salisbury (Rhodesia), Da, 64d
 Salisbury (Wilts), Ee, 34; Ef, 37

Salmon Falls, Cb, 54a
 Salona, Ge, 1
 Salonica, De, 28a
 Salonica, Kingdom of, Ba, 29b
 Salsette Is., Bd, 61a
 Sallito, Bb, 53a
 Salt Lake City, Dc, 57
 Saluzzo, Marquisate of, Ab, 17c
 Salween, R., Ie, 60
 Salzach, River, Ea, 21b
 Salzberg, Fe, 22
 Salzberg, Archbishopric, Cb, 25a
 Samana, C., Fe, 53a
 Samar Is., Le, 60
 Samara, Id, 27
 Samarkand, Pe, 5; Fe, 59; Ge, 63
 Sambre, River, Dd, 20a
 Samminiato, 17c
 Samoa Is., Ae, 52a
 Samos, Island, Fg, 28a
 Samosata, Kd, 2a
 Samothrace, Island, Ee, 28a
 Samoyeds, Ia, 63
 Sana, Eg, 63
 San Amaro, Ef, 58a
 San Apollinaris in Classe, Db, 17a
 San Blas, G. of, Ed., 53a
 Sancerre, Dc, 15b
 San Christobal, Cc, 53a
 San Christoval, Ka, 65a
 Sandal, Ec, 34; Cc, 38b
 Sandalwood Island, Ac, 49a
 Sandarbans, 61b
 Sanday Island, Ca, 40b
 San Domingo Island, Cc, 53a
 Sandomir, Cc, 26b
 Sandwich, He, 34; Db, 45a
 Sandwich Is., Bc, 50
 Sandy Cape, Ic, 65a
 San Fernando, Cc, 58b
 San Francisco, Cc, 52a
 San Francisco, R., Ee, 58b
 San Germano, Dd, 17b
 San Gimignano, 17c
 Sangir Is., Ba, 49d
 San José, Dd, 53a
 San Juan, Fe, 53a
 San Juan de Nicaragua, Dc, 53a
 San Juan de los Remedios, Eb, 53a
 San Juan de Ullao, Cc, 53a
 San Luis, Ge, 48a
 San Luis Potosi, Bb, 53a
 San Miguel, Ad, 58a
 Sao Paulo, Ef, 58a
 San Pedro de Rio Grande, Dg, 58a
 Sanpo, River, If, 63
 Sanquhar, Cc, 40b
 San Roque, 19a
 San Salvador, Island, Dc, 53a
 San Salvador, Eb, 53a
 San Salvador de Bahia, Fe, 58a
 San Sebastian, Da, 19

Santa Barbara Is., Cc, 48a
 Santa Cruz (Brazil), Fe, 58a
 Santa Cruz Is. (Australasia), La, 65a
 Santa Cruz (Canary Is.), Jd, 45b
 Santa Cruz Is. (W. Indies), Fe, 53a
 Santa Fe de Bogota, Bc, 58a
 Santa Marta, Bb, 58a
 Santander, Da, 18d; Da, 19
 Santiago de Compostella, Aa, 18c
 San Thomé (Orinoco), Cc, 58a
 San Thomé, I. (W. Africa), Jd, 46a
 Santiago de Cuba, Ec, 53a
 Santiago, (Spain), Aa, 19
 Santiago (Chile), Bg, 58a
 Santorin, Is., Eg, 28a
 Santos, Ef, 58a
 San Vicente, Ef, 58a
 Saragossa, Eb, 18c; Eb, 19
 Sarai, Db, 59
 Saraiyev, Bd, 28a
 Saranac, R., Cb, 56a
 Saratof, Hd, 27
 Saratoga, Eb, 55
 Saratoga Springs, Cc, 56a
 Sardinia (Island), Bd, 16
 Sardinia, Kingdom of, 18a, 18b
 Sargans (district and town), Da, 21a
 Sarmatia (Slavonic Peoples), Jc, 1
 Sarthe, River, Bc, 14
 Saskatchewan, Eb, 57
 Sassbach, Cb, 23c
 Satara, Bd, 62
 Satpura Mts., Gd, 59
 Saulte St. Marie, Aa, 54a
 Saumur, Cc, 14
 Savannah (Georgia), Ad, 54a; Cc, 56b
 Savannah (Tennessee), Bb, 56b
 Save, R., Fe, 4
 Savona, Bb, 17c
 Savoy, Bb, 23a; Ab, 18a
 Saxons, Da, 3a; Fe, 31
 Saxony, Db, 22; Ba, 23a; Ca, 23b; Ba, 23d
 Saybrook, Ac, 64b
 Scandia, Fa, 1
 Schaffhausen, Ca, 21a
 Scandalion, Cc, 29c
 Scania, Ab, 26a
 Scarborough, Fb, 34
 Schelde, River, 20a
 Schenectady, Ca, 54c; Cc, 56a
 Schleswig Holstein, Ba, 24a
 Schlettstadt, Db, 52b
 Schmalkalden, Eb, 8
 Schober Pass, Fa, 21b
 Schöner's Map of the World, 47c
 Schonwen, Island, Cc, 20a
 Schuylkill, R., Bb, 54c; Bd, 56a
 Schwarzenburg, Bb, 21a

Schweidnitz, Fe, 24b
 Schweinfurt, Da, 23c
 Schwerin, Cb, 24b
 Schwyz, (Canton and town), Ca, 21a
 Seodra, Fd, 6
 Seone, Ba, 36d; Ec, 39
 Scoti, Cb, 1
 Scotland, 39, -J
 Scots, Eb, 41
 Seutari, Bd, 28a
 Seyros, Island, Ef, 28a
 Seafor I, G., 43
 Seattle, Cc, 57
 Sebaste, Cf, 29c
 Sebastopol, 27a and b
 Sedalia, Ab, 56b
 Sedan, Cb, 15c; Cb, 52b
 Sedgemoor, Bd, 38b
 Segedunum (Walls End), Ea, 30
 Segestan, Nf, 5
 Segontium (Carnarvon), Bc, 30
 Segovia, Cb, 19
 Seilan (Ceylon), Nd, 46a
 Seine, R., Db, 14
 Seistan, Fe, 59; Ge, 63
 Selby, Ed, 37; Ge, 38a
 Seleucia (Asia Minor), Eb, 29a
 Seleucia (St. Symeon), Syria, Cb, 29c
 Seljuk Empire, Ke, 6
 Seljuk, Km. of Rum or Iconium, Ie, 6
 Seljuk Turks, If, 7
 Selkirk (Manitoba), Fb, 57
 Selkirk (Scotland), Cb, 36d; Cc, 40a
 Selma, Bc, 56b
 Selsey, Diocese of, 37a
 Selsey, Ed, 37
 Semendria, Cc, 26b; Cc, 28a
 Semipalatinsk, Ic, 63
 Semlin, Cc, 26b; Cc, 28a
 Semmering Pass, Fa, 21b
 Semoy, River, Ee, 20a
 Sempach, Ca, 21a
 Sempringham, Fe, 37
 Senefle, Dd, 20a
 Senlis, Eb, 14; Db, 36b
 Senne, River, 20b
 Sens, Eb, 14
 Seoul, Me, 63
 Septimania, Dc, 2a; Ee, 14
 Serampore, 61b
 Serbs, Fd, 6, 28b
 Sereth, River, Fb, 28a
 Sergipe, Fe, 58a
 Seringapatam, Cc, 61d
 Seriphos, Is., Eg, 28a
 Servia, Cd, 28a
 Servian Princes, Ge, 7
 Sesia, River, Cb, 21b
 Seteia Aest., Cc, 30
 Sevastopol, 27a and b
 Severn, River, Dd, 34
 Seville, Bd, 19; Cd, 18d
 Seychelles, Is., Le, 52a
 Shaftesbury, De, 34; Df, 37

- Sha-ho, Ba, 52c
 Shan States, Jf, 63
 Shanghai, Me, 63
 Shannon, R., Cc, 41
 Shantung, Kc, 60
 Shap, Dc, 37
 Shar Dagh Mts., Cd, 28a
 Shark Bay, Ad, 85a
 Shawnees, Bc, 55
 Sheen, Ff, 37
 Sheerness, Cb, 10
 Sheffield, Ec, 34
 Shelburne, Ic, 57
 Shelbyville, Bb, 56b
 Shenandoah, R. and Mts., Db, 56b
 Sherborne, Diocese of, 37a
 Sherborne, Dg, 37
 Sherbro' I., Bc, 64c
 Sherburn, Cc, 38b
 Sheriffmuir, Cb, 40b
 Sherston, BC, 32d
 Sherwood Forest, Ec, 30
 Shetland Isles, Ca, 33
 Shiel, L., Cc, 39
 Shigatse, If, 63
 Shikoku Island, Mc, 60; Ne, 63
 Shiliho, Ba, 52c
 Shilka, River, Lc, 63
 Shiloh, Bb, 56b
 Shipka Pass, Ed, 28a
 Shiraz, Mg, 5; Ed, 59; Fe, 63
 Sholanghur, Ce, 61d
 Sholapur, Cd, 61c
 Shoreham, Ff, 34
 Shoshong, Cb, 64d
 Shreveport, Ac, 56b
 Shrewsbury, Dd, 34; De, 37
 Shumla, Fd, 28a
 Shuster, Ee, 63
 Sialkot, Ba, 62
 Siam (Ayodhia), Je, 60
 Sianfu, Ke, 63
 Siberia, 63
 Siberia, Khanate of, Ga, 59
 Sibir, Ma, 47a; Gc, 63
 Sibton, He, 37
 Sicilia, Ff, 1
 Sicilies, Kingdom of the Two, 18a, 18b
 Sicily, DDef, 16
 Sidnacester, 37a
 Sidon (Sagitta), Ce, 29c
 Siena, Cc, 16
 Siena, Republic of, Cc, 17c
 Sierra Leone, Bc, 64c
 Si-kiang, River, Kd, 60; Kf, 63
 Sikkim, Eb, 62
 Silesia, Cc, 22; Fc, 24a
 Silistria, De, 26a; Fc, 28a
 Silures, Cc, 30
 Simferopol, 27b
 Simla, Ca, 62
 Simonstown, Ab, 64b
 Simpson Pass, Ca, 21b
 Simsport, Ac, 56b
 Sinaloa, Bb, 53a
 Sind, Ab, 62
 Sindifu (Ching-tu), Jo, 60
 Singapore, Od, 52a
 Singidunum, Hc, 2a
 Sinigaglia, Dc, 17c
 Sinkailin Pass, Ca, 52c
 Sin-kai-lin, P., Ba, 52c
 Sinmintun, Ba, 52c
 Sinope, Jd, 5
 Sinus Arabicus, KL, 1
 Sion, Bb, 21a
 Sipontum, Ed, 16
 Sir Daria (Jaxartes) Fb, 59
 Sirhind, Bb, 61c; Bb, 62
 Sirmium, Fc, 2b
 Sistova, Ed, 28a
 Sitabaldi, Cc, 62
 Siu-yen, Ba, 52c
 Sivas, Ec, 25b
 Skager Rak, Fb, 31
 Skaw, The, Fb, 33
 Skelton, Eb, 34; Dc, 36d
 Skenesborough, Cc, 56a
 Skibbereen, Bc, 42c
 Skipton, Cc, 38b
 Skoplie (Uskub), Ce, 23a
 Skye, Island, Bb, 39
 Slane, Ec, 42c
 Slaney, R., Lt, 4
 Slave Coast, Ec, 64c
 Slavinia, Ca, 23a
 Slavonic Peoples, Ha, 2a; Ib, 5
 Sleat, Cb, 39
 Slieve Bloom, Mts., Dc, 41
 Slieve League, Mts., Cb, 41
 Sligo, Cb, 42c
 Slivnitza, Dd, 28a
 Sluys, Cc, 20a; Da, 36a; Eb, 45a
 Smerwick, Ad, 42c
 Smithland, Bb, 56b
 Smith Sound, 51b
 Smolensk, Ec, 26a; Ed, 27
 Smyrna, He, 13; Cc, 25b; Bc, 59; Ce, 63
 Society Is., Bc, 51a
 Sofala, Db, 64d
 Sofia, Dd, 28a
 Sogne Fiord, Ea, 31
 Soignies, 20b, and Dd, 20a
 Soissons, Eb, 14; Bb, 52b
 Sokotra Island, Ee, 59
 Solor, Island, Ac, 49d
 Soldaia (Sudak), Cb, 59
 Sole Bay, Da, 45a
 Soleure (Solothurn), Ba, 21a
 Solferino, Cb, 18b
 Solomon Is., Ja, 65a
 Solothurn (Soleure), Swiss canton, Ba, 21a
 Solway Firth, Ee, 39
 Solway Moss, Cc, 40a
 Somerset (Australia), Ga, 65a
 Somerset (England), De, 34
 Somerset (New Jersey), Bd, 56a
 Somerset (S. Africa), Cb, 64b
 Somme, R., Eb, 14
 Somnath, Gd, 59
 Somosierra, Db, 19
 Sonchön, Cb, 52c
 Sondersheim, Dc, 22
 Sondur, Jf, 60
 Song Empire, Jd, 60
 Sonora, Ab, 53a
 Sorbiodunum (Salisbury), Ee, 30
 Soria, Db, 19
 Sorrento, Ed, 16
 Sound, The, Cb, 33
 South America, 47-52, 58
 Southampton, Ef, 34
 South Carolina, Ad, 54a
 South Dakota, Ec, 57
 Southern Cross, Ce, 65a
 South Kanara, Ac, 59a
 South Konkans, Bd, 62
 Southland, Ac, 65c
 South Molton, Cc, 34
 South Prussia, Fb, 24a
 South Ronaldsay, I., Ca, 40b
 South Shetland Is., 51c
 South Uist Island, Ab, 39
 Southwark, Fe, 34; 34a
 Southwell, Fd, 37
 Southwold, Da, 45a
 Soyon, Jc, 63
 Spalding, Fe, 37
 Spanish Main, Ec, 53a
 Spanish Town, Ec, 53a
 Spanish Netherlands, Cb, 9
 Sparta, Dg, 28a
 Spartal, C., 19a; Kc, 45b
 Spencer Gulf, Fe, 66a
 Sperrin Mts., Db, 41
 Spey, R., Eb, 39
 Speyer, Dd, 22; Cb, 23c
 Spezia (Italy), Dd, 11
 Spezzia (Island), Dg, 28a
 Spice Islands (Moluccas), Pe, 49a, 49d
 Spiechern, Db, 52b
 Spithead, Cb, 45a
 Spitzbergen, 51b
 Spligen Pass, Ca, 21b
 Spoleto, Dc, 16; Dc, 17c
 Sporades Islands, DDef, 28a
 Spotsylvania, C. H., Aa, 56a
 Springfield (Illinois), Bb, 56b
 Springfield (Kentucky), Bb, 56b
 Springfield (Massachusetts), Cc, 56a; Ab, 54b
 Springfield (Missouri), Ab, 56b
 Spring Hill, Bb, 56b
 Squillace, Fe, 16
 Srinagar, Cc, 59; Ba, 62
 Staaten Land (New Zealand), Rf, 48a
 Stade, Bb, 24a
 Stafford, Dd, 34
 Stamford, Cb, 32c; Fd, 34; Fe, 37
 Standerton, Dc, 64d
 Stanze, Cb, 21a
 Star Fort, 27a
 Staten I. (N. York), Bd, 56a
 Staten Island (Tierra del Fuego), Ci, 58b
 Staufen, Bb, 23a

Stanton, Db, 56b
 Stavanger, Eb, 33
 Stavropol, Hd, 27
 Steenkerque, Dd, 20a
 Stella Land, Bc, 64d
 Stellenbosch, Ab, 64b
 Stelvio Pass, Da, 21b
 Stendal, Cb, 24a
 Stettin, Eb, 24a; Ac, 26a
 Steubenville, Ca, 56b
 Stewart Island, Ac, 65c
 Steyning, Fe, 43
 Stillwater, Cc, 56a
 Stirling, Ec, 39
 Stockach, Ca, 21b
 Stockbridge, Fe, 43
 Stockholm, Bb, 26a
 Stonehaven, Cb, 40b
 Stony Creek, Ac, 56c
 Stormberg, Ca, 64b
 Stormoway, Aa, 40b
 Stourbridge Fair, Db, 44a
 Strabane, Db, 42c
 Stralsund, Da, 24a
 Stranraer, Bc, 40b
 Strassburg, Bb, 23c; Db, 15c;
 Cd, 22; Db, 52b
 Stratford, Ac, 54b
 Strathaven, Dd, 39
 Strathclyde (bishopric), 37a
 Strathclyde, Dd, 39
 Strath Earn, Ec, 39
 Strathmore, Ec, 39
 Strath Oykell, Bb, 40a
 Strath Spey, Eb, 39
 Stratton, Ad, 38a
 Streletska Bay, 27a
 Strelitz, Db, 24b
 Stronsay Island, Ca, 40b
 Struma, River, De, 28a
 Stuttgart, Cb, 23c
 Styria, Ge, 22
 Su-chow, Le, 63
 Sucre, Ce, 58b
 Sudbury, Gd, 43
 Sudbury (Massachusetts), Bb,
 54b
 Sudras, 61d
 Suevi, Ac, 2a
 Suevicum Mare, Gb, 1
 Suez, Dd, 25b; Df, 63
 Suffolk (England), Hd, 34
 Suffolk (Virginia), Dc, 55
 Suir, River, Dd, 41
 Sukhona, Da, 27
 Sukhum Kale, Ed, 63
 Sulaiman Mts., Gc, 59
 Sula Is., Ab, 49d
 Sullivan, cran, Be, 41
 Sulu Sea, Kf, 60
 Sumatra (Java Minor), Jf., 60
 Sunart, Cc, 39
 Sunbury, Cd, 55
 Sundarbans, Ec, 62
 Sunderland, Ca, 44b
 Sundgan, Bc, 23c
 Sungari, River, Md, 63
 Superior, Lake, Ba, 55
 Sur (Tyre), Ce, 29c
 Surat, Ab, 69a; Bc, 62

Surinam, De, 58a
 Susa, Ab, 17c
 Susquehanna, R., Db, 55
 Sutlej, River, Gc, 59
 Suzdal, Gc, 27
 Swabia, De, 22
 Swanendael, Bc, 54c
 Swan, R., Be, 65a
 Swansea, Ce, 34; Co, 36c
 Swatow, Lf, 63
 Swaziland, Ba, 64c
 Sweetheart Abbey, Cc, 37
 Swellendam, Bb, 64b
 Swilly, L., Da, 41
 Swiss Confederation, 21a
 Swords, Cd, 43
 Sydney, Ie, 65a
 Syracuse, Ef, 16
 Syr Daria, River, Gd, 63
 Syria, 29c; De, 63
 Syrian, Nd, 47a
 Syrian Desert, Cc, 59
 Syrtes Major, Gulf, Gg, 1
 Syrtes Minor, Gulf, Fg, 1
 Szabacs, Ab, 26b
 Szelankemen, Cd, 26a
 Tabak, Dd, 26b
 Tabasco, Cc, 53a
 Taboga I., Ed, 53a
 Tabor, Cb, 25a
 Tabriz, De, 59; Ee, 63
 Tadcaster, Cc, 38a
 Tadmor (Palmyra), Jf, 5
 Tadousac, Ca, 54a
 Taganrog, Fd, 26b; Fe, 27
 Taghmon, Cd, 43
 Tagliacozzo, De, 17b
 Tagliamento, River, Eb, 21b
 Tagus, R., Bc, 19
 Taillebourg, Ef, 35; Bd, 36a
 Tain, Bb, 40b
 Tainfu, Kc, 60
 Tai-wan, Mf, 63
 Tai-yuan, Le, 63
 Takla Makan Desert, He, 59
 Taku, Le, 63
 Takushan, Bb, 52c
 Talangama, 49c
 Talavera, Cc, 19
 Talienwan and Bay, Ab, 52c
 Tallagh, Cd, 43
 Tallahachee, River, Bc, 56b
 Tamar, R., Bd, 31
 Tamesa, Fl., Gc, 30
 Tampa, Db, 53b
 Tampico, Cb, 53a
 Tamworth, Cb, 32b; Cc, 38a
 Tamurlane, see Timur
 Tana, Ge, 59
 Tanais fl., Ld, 1
 Tanaro, R., Cb, 21b
 Tangier, Cd, 19
 Tangut, Ic, 60; Je, 63
 Tanna, Lb, 65a
 Tannenbergh, Hb, 24a
 Taneytown, Db, 56b
 Tantallon Castle, Ca, 36d
 Tapajos, R., Dd, 58b
 Tapti, R., Gd, 59

Tara (Ireland), Ee, 41
 Tara (Siberia), He, 63
 Taranchi, Jd, 63
 Taranto, Fd, 17a; Fd, 17b
 Tarapaca, Be, 58a
 Tarasp, Eb, 21a
 Tarentum Fd, 16
 Tarifa, 19a
 Tarim R., Id, 63
 Tarnopol, De, 27
 Tarraco, De, 1
 Tarragona, Fb, 18c; Fb, 19
 Tarsus, Bb, 29c
 Tartary, Mb, 46a
 Tartary, Gulf of, Od, 63
 Tashihkiao, Ba, 52c
 Tashkent, Fb, 59; Gd, 63
 Tashkurgan, Gc, 59
 Tasmmania, Hg, 65a
 Tata, Ic, 60
 Tatungkow, Cb, 52c
 Taunton, Ce, 34; Cf, 37
 Taupo, Lake, Ca, 65c
 Tauranaki, Ba, 65c
 Tauranga, Ca, 65c
 Taurica, Jd, 1
 Taurus, Jf, 1
 Tavira, Ad, 18d
 Tavistock, Bf, 34; Bg, 37
 Tay, R., Cb, 31
 Tecklenburg (County), Ca, 20c
 Tees, R., Cc, 31
 Teesdale, Cc, 36d
 Tehuantepec, Cc, 53a
 Teheran, Fe, 63
 Teifi, R., Be, 37
 Telingana, He, 59
 Tellicherri (Fr.), Ce, 62
 Tembus, Cb, 64b
 Temesvar, Banat of, Eb, 25a,
 Cd, 26a
 Tenby, De, 43
 Tenduk, Kb, 60
 Tenedos, Island, Ef, 28a
 Tenchebrai, Cd, 33
 Tenerife, Island, Ja, 45b
 Tennessee (state), Gd, 57
 Tennessee, R., Bd, 55
 Tenterden, Gc, 34
 Teplitz, Ca, 25a
 Terek, R., Dc, 27c
 Terminal Pt., Bb, 52c
 Termini, Df, 18b
 Ternate, 49c
 Terschelling, Island, Ea, 20a
 Tettenhall, Bb, 32c
 Tetuan, Ae, 6
 Teutonic Knights, Fe, 7
 Teviotdale, Fd, 39
 Tewkesbury, De, 34; Df, 37
 Texas, Fd, 57
 Texel, Is., Da, 20a; Fa, 45a
 Thaba Bossigo, Cc, 64d
 Thabanchu, Cc, 64d
 Thame, Ff, 37
 Thames, R., Cd, 31
 Thanet, Dc, 32d
 Thapsus, Ff, 1
 Thar Desert, Gd, 59
 Thasos, Island, Ee, 28a

- Theiss, R., Gc, 4
 Theodosiopolis, Ld, 2a
 Theopolis, Cb, 64b
 Thessalonica, He, 1
 Thessaly, Df, 28a
 Thetford, Db, 32d; Ge, 37
 Thirsk, Eb, 34
 Thionville, Db, 15c; Bb, 23c
 Tholen, Dc, 20a
 Thomar, Ac, 19
 Thomastown, Cd, 42c
 Thomond, Cd, 41
 Thorn, Bc, 26a
 Thorney, Fe, 37
 Thouars, Ee, 35; Bc, 36a
 Thrace, Fe, 28a
 Thracia, Ie, 1
 Thraeve, Bc, 36d; Ee, 39
 Three Points, C, Dd, 64c
 Three Rivers, Ca, 56a
 Thun, Bb, 21a
 Thurgau, Da, 21a; De, 22
 Thuringia, Ee, 22; Ca, 23a
 Thuringians, Fa, 2a
 Thurles, Dd, 42c
 Thursday I., Ga, 65a
 Thurso, Ea, 39
 Tiber, R., Dc, 16
 Tiberias, Cf, 29c
 Tibet, Ic, 60; Ie, 63
 Ticino (Canton and R.), Cb, 21a
 Tickhill, Ec, 34
 Ticonderoga, Ce, 56a
 Tidor (island state), Ba, 49a
 Tien Shan, Gb, 59
 Tientsin, Le, 63
 Tierra del Fuego, Ci, 58a
 Tiflis, Gf, 27; Ed, 63
 Tigris, R., Lf, 5; Dc, 59
 Till, R., Bb, 38a
 Tilsit, Ha, 24a
 Timbuktu, Id, 52a
 Timor, Island, Bc, 49d
 Timor Laut, Island, Cc, 49d
 Timur, Emp., 59 (see reference)
 Tinchebrai, Ed, 35
 Tinnevely, Cf, 62
 Tinos, Island, Eg, 28a
 Tintagel, Ac, 32b; Bf, 34
 Tintern, Df, 37
 Tipperah, Fe, 62
 Tiree, Bc, 39
 Tirlmont, Dd, 20a
 Tirnova, Cb, 25b; Ed, 28a
 Titicaca, Lake, Ce, 58a
 Tiumen, Gc, 63
 Tiverton, Cf, 34
 Tivoli, Dc, 17c
 Tlaxcala, Cc, 53a
 Tobago, Island, Fe, 53a
 Tobol, R., Gc, 63
 Tobolsk, Gc, 63
 Toggenburg, Da, 21a
 Togo (Germ. colony), Ec, 64c
 Tokay, Eb, 25a
 Tokelau Is., Ae, 52a
 Tokio (Yedo), Me, 60; Ne, 63
 Toledo, Cc, 18c; Cc, 19
 Toliman, 49c
 Tolosa, De, 1
 Tolpösis Mt., Fa, 27c
 Tolu, Bc, 58a
 Tomini, G. of, Ab, 49d
 Tomsk, Ic, 63
 Tonale Pass, Da, 21b
 Tonga Is., Od, 65a
 Tonga Land, Ca, 64a
 Tongking, Kf, 63
 Tongueland, Bc, 37
 Tonk, Cb, 62
 Torbay, Bb, 45a
 Torgan, De, 24a
 Tormentoso, C., Jf, 46a
 Toron, Cc, 29c
 Torre, Cg, 37
 Torrens, Lake, Fe, 65a
 Torres Vedras, Ac, 19
 Torridon, L., Cb, 39
 Torrington, Bf, 34
 Tortola, Island, Fe, 53a
 Tortosa (Syria) Cd, 29c
 Tortosa (Spain), Fb, 18c
 Tortuga, Island, Eb, 53a
 Tory, I., Ca, 41
 Toines, Cf, 34
 Toul, Cb, 15c; Fb, 14; Bd, 22
 Toulon, Dd, 11; Lb, 45b
 Toulouse, Ce, 15a; De, 14; Ff, 35
 Touraine, Fe, 35
 Tourcoing, Cd, 20a
 Tournai, Cd, 20a
 Tours, De, 14
 Toury, Ab, 52b
 Towcester, Cb, 32c; Cc, 38b
 Townsend Mt., Hf, 65a
 Townsville, Hb, 65a
 Towton, Ec, 34
 Towry, R., Cb, 36c
 Trafaigar, C., Bd, 19
 Trajan's Wall, Gc, 28a
 Tralee (Kerry), Bd, 42c
 Tranquebar, Md, 50
 Transvaal, Db, 64b
 Transylvania, Eb, 25a; Cd, 26a
 Trapezus, Kc, 2a; Jd, 5
 Traquair, Bb, 36d
 Tras os Montes, Bb, 19
 Trastamara, 18c, 18d
 Trasimene, Lake, Dc, 16
 Travancore (state), Cf, 61a
 Travnik, Ac, 28a
 Trebbia, R., Bb, 16
 Trebizond, Id, 6; Eb, 25b
 Trebizond, Empire of, Fa, 29b
 Tregony, Bf, 34
 Treviso, Db, 17c
 Trent, R., Cc, 31
 Trent, Bishopric of, Cb, 25a
 Trent (Tyrol), Da, 21b
 Trenton, Eb, 55; Bd, 56a
 Treves, Archbishopric of, Bb, 23b
 Treves, Cd, 22; Bb, 23c
 Treviglia, Bb, 17c
 Treviso, Cb, 17d
 Treviso, March of, CDb, 17b
 Tribur, Dd, 22
 Trichinopoly, Cc, 61d
 Trient (see Trent)
 Trieste, Cb, 17d; Cb, 25a
 Trim, Ec, 42c
 Trimontium, Da, 30
 Trincomali, Df, 62
 Trinidad (Cuba), Eb, 53a
 Trinidad (island), Fe, 53a
 Trinobantes, Gc, 30
 Tripoli (Syria), Cd, 29c
 Tripoli (Africa), Ad, 25b; Ea, 64a
 Tripolis, Fg, 1; Fg, 12
 Trinolitza, Dg, 28a
 Tristan da Cunha, Island, Ig, 51a
 Trivadee, 61d
 Trivandrum, Cf, 61c
 Troitzkoi, Fe, 27
 Trondhjem, Fa, 31
 Troppau, Fd, 24a
 Trostan Mountain, Ea, 41
 Trotternish, Bb, 39
 Troy, Cc, 56a
 Troyes, Ch., Fb, 14; Db, 36b
 Trujillo, Cc, 19
 Truro, Af, 34; Ag, 37
 Truxillo (Peru), Bd, 58a
 Truxillo (Venezuela), Bc, 58a
 Tsi-nan, Le, 63
 Tsitsihar, Md, 63
 Tuam, Cc, 41; Cc, 42c
 Tübingen, Dd, 12
 Tucopia I., La, 65a
 Tucuman, Cf, 58a
 Tudela, Ea, 18c; Ea, 19
 Tugela, R., Ab, 64a
 Tulbagh, Ab, 64b
 Tulcea, Gc, 28a
 Tullahoma, Bb, 56b
 Tullamore, Dc, 42c
 Tulske, Bd, 43
 Tumbez, Ad, 58a
 Tunbridge, Gc, 34
 Tunbridge Wells, Dc, 44a
 Tunga Bhadra, R., Cd, 62
 Tungehow, Le, 63
 Tunguses, Lb, 63
 Tunis, Ea, 64a; De, 13
 Tunja, R., Fd, 28a
 Turan, Fg, 5
 Turgai, Gd, 63
 Turin, Ab, 16; Ab, 17c
 Turkestan, Gb, 59; Mb, 46a; G1, 63
 Turkheim, Bb, 23c
 Turks I., Eb, 53a
 Turnberry, Ab, 36d; Dd, 39
 Turneffe, Dc, 53a
 Turones (Tours), De, 31
 Turriff, Cc, 40a
 Tuscany Cc, 16
 Tuscany, Grand Duchy of, 18a, 18b
 Tuscany, Presidios of, Cc, 18a
 Tusculumbia, Bc, 56b
 Tutbury, Ed, 34; Ea, 37
 Tver, Fb, 26a; Fe, 27
 Tweed, R., Cb, 36d; Db, 37; Fd, 39
 Twelve Pins Peaks, Bc, 41

- Two Sicilies, Kingdom of the, 18a, 18b
 Tyburn (London), 34a
 Tyne, R., Cc, 31
 Tynedale, Dab, 34; Cb, 36d
 Tynemouth, Eb, 37
 Tyr Connell, Cb, 41
 Tyr Owen, Da, 41
 Tyras Fl., Id, 1
 Tyre (Sur), Ce, 29c
 Tyrol, Cb, 23b; Cb, 25a
 Tyrrhenum Mare, Ff, 1
 Udaipur (Oodeypore), Bc, 61a; Bc, 62
 Udscoi, Nc, 63
 Ufa, Fc, 63
 Uitenhage, Cb, 64b
 Ukermark, Db, 24a
 Ukraine, Ed, 26a; Ed, 27
 Uladh, Db, 41
 Uliassutai, Jd, 63
 Ullapool, Bb, 40b
 Ulm, Dd, 22; Db, 23c
 Ultonia (Ulster), Db, 41
 Ulundi, Bb, 64e
 Umarmot, Ab, 59a
 Umbria, Dc, 16; Dc, 17c
 Umtali, Da, 64d
 Ungava, Hb, 57
 Union City, Bb, 56b
 United Provinces, 20a
 Unterwalden, Cb, 21a
 Upper Palatinate, Cb, 23b
 Upsala, Bb, 26a
 Ural Mts., Ea, 27c
 Ural, R., Eb, 27c
 Uralsk, Fc, 63
 Urbana, Bb, 66c
 Urbino, Dc, 17c
 Urga, Kd, 63
 Urgel, De, 14; Fa, 18d
 Urgenj, Eb, 59
 Urghur, Hb, 59
 Uri, Cb, 21a
 Uriconium (Wroxeter), Dd, 30
 Urmia, L., Dd, 27c
 Urot, Kd, 63
 Uruguay, Republic of, Dg, 58b
 Urunchi, Id, 63
 Usedom, Ac, 26a
 Ushant, Island, Ab, 14; Ac, 45a
 Usk, R., Dc, 36c
 Uskub (Skoplie), Ce, 28a
 Ust Yurt, Ec, 27c
 Usunada, Fe, 63
 Usuri River, Nd, 63
 Utah, Dd, 57
 Utrecht, Bprie. of, 20c
 Utrecht (Netherlands), Fb, 20a
 Utrecht (S. Africa), Ba, 64e
 Utoxeter, Cc, 38b
 Uxbridge, Cd, 38b
 Uxellodunum (Maryport), Cb, 30
 Uznach (Switzerland), Ca, 21a
 Valgen, Ca, 49d
 Valais, Bb, 21a
 Valdai Hills, Cb, 27c
 Valdivia, Bg, 58a
 Valence, Fd, 14
 Valencia, Ec, 19; Ec, 18c
 Valenciennes, Ea, 14; Cd, 20a; Ba, 52b
 Valentia Island, Ae, 42c
 Valerien, Mt., Ab, 52b
 Vale Royal, Dd, 37
 Valladolid, Cb, 19; Cb, 18c
 Valle Crucis, Ce, 37
 Valley Forge, Bd, 56a
 Valls, Fb, 19
 Vallum Antonini, Cb, 1
 Val Maggia, Cb, 21a
 Valmy, Cc, 11
 Valparaiso, Bg, 58a
 Valtellina, Ba, 17c; Db, 21a
 Van, L., Dd, 27c
 Van Buren, Ab, 56b
 Vancouver (I. and town), Cb, 52a; Cc, 57
 Vandali, Gc, 1
 Vandal Kingdom, Ed, 2a
 Van Diemen's Ld., Qg, 48a
 Vannes, Bc, 14; Ac, 36b
 Van Reenen's Pass, Ab, 64e
 Var, River, Bc, 21b
 Vardar, River, De, 28a
 Varna, Fd, 28a
 Vasconia, Cc, 2a
 Vaternish, Bb, 39
 Vatersay, Island, Ab, 40b
 Vaucour, I. de, Cb, 53a
 Vaud, Ab, 21a
 Vaudreuil, Cb, 56a
 Vechte, R., Gb, 20a
 Vectis (I. of Wight), Ef, 30
 Velay, Dd, 15a
 Vellore, 61d
 Venango, Cb, 55
 Vendée, Bc, 11
 Venetias, Ib, 1
 Venetia, Db, 16, 17d; Cb, 25a
 Venezuela, Cc, 58b
 Venice, Db, 16; Db, 17c and 17d
 Venice, Lands of, 7, 8
 Venlo, Fc, 20a
 Venonae, Ed, 30
 Venta Belgarum (Winchester), Ee, 30
 Venta Icenorum, Hd, 30
 Venta Silurum, De, 30
 Venterdorp, Cc, 64d
 Vera Cruz, Cc, 53a
 Veragua, Dd, 53a
 Vercelli, Bb, 17c
 Verchères, Cb, 56a
 Verde, C. and Is., Je, 45b; Ab, 64c
 Verden, Dh, 22; Bb, 24a
 Verdon, River, Bc, 21b
 Verdun, Fb, 14; Cb, 15c; Cb, 52b
 Vereeniging, Cc, 64d
 Vermandois, County of, Eb, 14
 Verneuil, Cb, 36b
 Vernon, Bb, 56b
 Verona, Cb, 16; Cb, 17c
 Verona, March of, Da, 17a
 Versailles, Bb, 15c; Bb, 52b
 Verulamium (St. Albans), Fe, 30
 Vervins, Ce, 20a
 Vesoul, Dc, 15c
 Veterae (Brough), Db, 30
 Vevay, Ab, 21a
 Vexin, Db, 14; Fd, 35
 Via Dolorosa, 29e
 Viadua, R. (Oder), Gc, 1
 Vianna, Ab, 19
 Viatka, Hc, 27
 Viborg, Db, 27
 Vicksburg, Ac, 56b
 Victoria (Australia), 65a
 Victoria (Moluccas), Bb, 49d
 Victoria (S. Africa), Cb, 64b
 Victoria (Vancouver), Cc, 57
 Victoria Land (Antarctic), 51c
 Vicenza, Rep. of Venice, Cb, 17c
 Vienna, Hd, 22; Db, 25a
 Vienne, Fd, 14
 Vienne, R., De, 14
 Vigo, Aa, 19
 Vijayangar, Ac, 59a
 Vilaine, R., Ce, 31
 Villach (Tyrol), Ea, 21b
 Villa do Conde, Ab, 19
 Villafranca, Ba, 19; Cb, 18b
 Villa Rica (La Plata), Of, 58a
 Villa Vicosa (Spain), Db, 19
 Villa Vicosa (Portugal), Bc, 19
 Villena, Ec, 19
 Villers Bretonneux, Bb, 52b
 Vilna, Gb, 10; Dc, 26a; Dd, 27
 Vineiro, Ac, 19
 Vincennes, Bc, 55
 Vindhya Mts, Ab, 59a
 Vinegar Hill, Ed, 42c
 Vinland, Fb, 46a
 Vinovia, Eb, 30
 Vionville, Cb, 52b
 Virginia, Bc, 54a
 Virgin Is., Fc, 53a
 Visconti, Lands of, Cd, 7
 Visigothi, Hd, 1
 Visigothic Kingdom, Bc, 3a
 Visp, Bb, 21a
 Vistula, R., Gb, 4
 Vitebsk, Eb, 26a
 Viterbo, Dc, 16; Dc, 17c
 Vitoria, Da, 19
 Vitry, Cb, 52b
 Vizagapatam, Dd, 61a
 Vizeu, Bb, 19
 Vladimir, Gc, 27
 Vladivostok, Nd, 63
 Vlieland, Island, Da, 20a
 Voguls, Gb, 63
 Volga, R., Dc, 27c
 Volhynia, Dc, 26a; Dd, 27
 Volkarsk, Aa, 64e
 Volo, Df, 28a
 Volodga, Fc, 27
 Volterra, Rep. of Florence, Cc, 17a

- Voronesh, Dc, 63
 Vryburg, Bc, 64d
 Vryheid, Ba, 64e
 Vvernoi, Hd, 63
- Waal, R., Ec, 20a
 Wabash, R., Bc, 55
 Wadern, Db, 52b
 Wagram, Fc, 11
 Wagrians, Ea, 22
 Waikato, R., Ba, 65c
 Wairan, R., Bb, 65c
 Waire, 20b and Dd, 20a
 Waitara, Ba, 65c
 Wakefield, Ec, 34
 Wakkerstroom, Ba, 64e
 Walcheren I., Cc, 20a; Eb, 45a
 Walden, Ge, 37
 Walenstadt, Da, 21a
 Wales, 36d
 Wallachia, Ee, 28a; Ce, 26a
 Wallingford, Cc, 32d; Ee, 34; Cd, 38b
 Walpole, Cc, 56a
 Walsingham, Ge, 37
 Waltham, Dc, 32d; Ff, 37
 Walvisch Bay, Eg, 64a
 Wanborough, Cc, 32a
 Wandatin, Bb, 52c
 Wandewash, 61d
 Wanganui, Ba, 65c
 Wantage, Cd, 38b
 Warburton, R., Fd, 65a
 Wardha, R., Cc, 61c
 Wareham, Ee, 43
 Warneton (Flanders), Bd, 20a
 Warrego, R., Hd, 65a
 Warrenton, Db, 56b
 Warrington, Bc, 38a
 Warrnambool, Gf, 65a
 Warsaw, Hb, 24a; Cc, 26a; Cd, 27
 Warsaw, Grand Duchy of, Fb, 11
 Warthe, R., Hb, 22
 Warwick, Ed, 34; Fd, 43
 Warwick Ct. Ho., Bb, 56c
 Wash, The, Gd, 34
 Washington, Db, 56b
 Washington (State), Cc, 57
 Watchet, Be, 32c; Ce, 34
 Waterford, Dd, 41; Dd, 42c
 Watford, Cd, 38b
 Waterloo, 20b and Dd, 20a
 Watling Street, Ed, 30; Cb, 32c
 Wattignies, Dd, 20a
 Watton, Fd, 37
 Waverley, Ff, 37
 Waynesboro, Db, 56b
 Wear, R., Cc, 31
 Weardale, Cc, 36d
 Weare, De, 34
 Wearmouth, Ca, 32a; Ec, 37
 Wedmore, Bc, 32b
 Weenen, Bb, 64e
 Wei-hai-wei, Le, 63
 Weimar, Cc, 24a
 Weinsberg, Dd, 22
- Weissenburg, Bb, 23c; Eb, 52b
 Welbeck, Ed, 37
 Welf, Lands of the House of, 23a
 Welland, R., Cc, 31
 Wellesley, Is., Fb, 65a
 Wellington, Bb, 65c
 Wells, Bc, 32d; De, 34; Df, 37
 Welshpool, Cb, 36e
 Wendover, Fe, 34
 Wenlock, De, 37; Ed, 43
 Weobley, Dd, 34; Ed, 43
 Werra, R., Bc, 24a
 Wesel, Fc, 20a; Ac, 24a
 Weser, R., Db, 22
 Wessel I., Fa, 65a
 Westbury, Ee, 43
 West Ham, Dc, 44b
 West Indies, 53
 Westland, Ab, 65c
 West Loos, De, 43
 West March, Cc, 40a
 Westminster, 34a; Ff, 37
 Westphalia, Bb, 22; Ac, 24b
 Westphalia, Kingdom of, Eb, 11
 West Pomerania, Db, 24a
 West Prussia, Fb, 24a
 Westray, Island, Ca, 40b
 West Saxons (Gewissas), Cc, 32a
 West Virginia, Gd, 57
 West Wales, Bc, 32a
 Wetherby, Cc, 38b
 Wetter, Bc, 49d
 Wettin, Lands of the House of, 23b (see reference)
 Wetzlar, Ca, 23c; Bc, 24b
 Wexford, Ed, 41; Ed, 42c
 Weymouth, Bd, 38b; Ee, 43
 Whalley, Dd, 37
 Wheeling, Ca, 56b
 Wherwell, Ef, 37
 Whitby, Ca, 32b; Fc, 37
 Whitechurch, Cd, 38b; Fe, 43
 White Sea, Ca, 27c
 White Castle, Dc, 36c
 Whitehall, 34a
 Whitehaven, Ba, 44a
 White Plains, Cd, 56a
 Whitesburg, Cb, 56b
 Withorn, Bc, 37; De, 39
 Whitsand Bay, Ab, 45a
 Whydah, Ec, 64c
 Wick, Ea, 39
 Wicklow, Ed, 42c
 Wicklow Mts., Ed, 41
 Widin, Dc, 28a
 Wiesbaden, Bc, 24b
 Wigan, Dc, 34; Bc, 38a
 Wight, I. of, Ef, 34
 Wigmore, Db, 36c
 Wigtown, De, 39
 Wiju, Ca, 52c
 Wilhelmshaven, Ha, 45a
 Wilkesbarre, Db, 55
 Wilkes Land, 51c
 Willemstadt, 49c
- Williamsburg, Bb, 56c
 Wilmington (Delaware), Dc, 55; Be, 56a
 Wilmington (N. Carolina), Dd, 55; Dc, 56b
 Wilton, Cc, 32b; Ee, 34; Ef, 37
 Wiltzes, Fb, 22
 Wimpfen, Cb, 23a
 Winceby, Cc, 38a
 Winchelsea, Ge, 43; Db, 45a
 Winchester, Diocese of, 37a
 Winchester (England), Cc, 32b; Ee, 34; Ef, 37
 Winchester (Virginia), Db, 56b
 Windsor (England), Fe, 34
 Windsor (Connecticut), Ac, 54b
 Windward Is., Fd, 52a
 Windward Passage, Eb, 53a
 Winterthur, Ca, 21a
 Wisby, Fa, 6
 Wisconsin, Fc, 57
 Wismar, Cb, 24b
 Wiston, De, 43
 Wittelsbach, Lands of the Ho. of, 23b (see reference)
 Wittenberg, Eb, 8
 Witney, Ee, 34
 Woburn, Gf, 37
 Wollaston Ld., Ba, 49b
 Wolverhampton, Bb, 44b
 Woodbury, Be, 56a
 Woodstock, Ee, 34; Fe, 43
 Wootton (Wilts), Fe, 43
 Worcester, Dd, 34; De, 37
 Worksop, Ed, 37
 Worms, Dd, 22; Cb, 23c
 Worth, Db, 52b
 Wragby, Ed, 37
 Wrexham, Bc, 38b
 Wu-chang, Le, 63
 Wu-hu, Le, 63
 Wurgaum, Bd, 61a
 Württemberg, Kingdom of, Dc, 11; Ab, 23
 Würzburg, Dd, 22; Cb, 23c
 Wycombe, Fe, 34; Fe, 43
 Wye, R., De, 34
 Wymondham, Ge, 37
 Wyndham, Db, 65a
 Wynndael, Bc, 20a
 Wyoming, Ec, 57
- Xingu, R. (tr. Amazon), Dd, 58b
- Yaik, R., Ea, 59
 Yakuts, Lb, 63
 Yakutsk, Mb, 63
 Yalta, 27b
 Yalu, R., Ca, 52c
 Yanaon, Dd, 61a
 Yandabu, Gc, 62
 Yang-tse-kiang, R., Jd, 60; Le, 63
 Yangui, Kc, 60
 Yanselin Pass, Ba, 52c
 Yantra, R., Ed, 28a
 Yarkand, Gc, 60; He, 63

- | | | |
|--|---|---|
| <p>Yarmouth (I. of Wight), Ei,
34; Fe, 43
Yarmouth (Norfolk), Gd, 43;
Da, 45a
Yaroslavl, Fc, 27
Yazoo, R., Ae, 56b
Yeddo (Tokio), Pc, 51a; Mc,
60
Yekaterinburg, Gc, 63
Yekaterinoslaf, Ed, 26a
Yellow Ford, Blackwater R.,
Eb, 42c
Yellow Sea, Lc, 60
Yemen, Li, 5; De, 59
Yenisei, R., Pb, 63
Yentow-wa B., Bb, 52c
Yezd, Ec, 59; Fe, 63
Yingkow, Ba, 52c
Yokohama, Pc, 52a
Yonne, R., Ee, 14
York (England), Ec, 34; Ed,
37
York (Australia), Be, 65a</p> | <p>York (Maine), Bb, 54b
York (Pennsylvania), Ae, 56a
York, Cape and Peninsula,
Ga, 65a
York, R., Bb, 56c
Yorktown, De, 55; Bb, 56c
Youghal, De, 42c
Ypres, Bd, 20a
Yucatan, Db, 53a
Yukairs, Ob, 63
Yukon, Ba, 57
Yunnan, Kf, 63
Yverdon, Ab, 21a

Zacatecas, Bb, 53a
Zacynthos (Zante), Island, Cg,
28a
Zafra, Bc, 19
Zahrigen, Cd, 22
Zaitun, Kd, 60; Pc, 46a
Zallaca, Bc, 18c</p> | <p>Zamora, Cb, 19; Cb, 18c
Zante, Cg, 28a
Zanzibar, Le, 47a; Ge, 64a;
Ke, 52a
Zara, Eb, 16
Zeeland, Cc, 20a
Zeila, Eg, 63
Zeitz, Fc, 22
Zenta, Cd, 26b
Zierikzee, Cc, 20a
Zipangu (Japan), Qc, 47a;
Mc, 60
Zollverein (German), Qy, 51d
Zorndorf, Eb, 24a
Zug, Ca, 21a
Zuider Zee, Eb, 20a
Zullichau, Eb, 24a
Zululand, Ab, 64c
Zungeru, Fc, 64c
Zurawno, Cd, 26a
Zürich, Ca, 21a
Zutphen, Fb, 20a
Zweibrücken, Bb, 23a</p> |
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